

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012219\
 Data File : BF112188.D
 Acq On : 22 Jan 2019 12:48
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 22 13:29:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	267134	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1031637	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	519633	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1020803	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	765201	20.00	ng	0.00
87) Perylene-d12	15.49	264	623662	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	1170094	79.50	ng	-0.01
7) Phenol-d6	6.50	99	1441443	78.28	ng	0.00
23) Nitrobenzene-d5	7.42	82	1374350	92.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	509144	90.83	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2739352	77.29	ng	0.00
79) Terphenyl-d14	12.96	244	3068254	85.30	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.62	88	248741	36.035	ng	97
3) Pyridine	3.37	79	640923	37.073	ng	100
4) n-Nitrosodimethylamine	3.32	42	256667	36.565	ng	98
6) Aniline	6.52	93	876194	39.122	ng	# 76
8) 2-Chlorophenol	6.65	128	690107	40.373	ng	98
9) Benzaldehyde	6.40	77	374621	36.700	ng	97
10) Phenol	6.52	94	788907	39.201	ng	92
11) bis(2-Chloroethyl)ether	6.59	93	633711	39.603	ng	98
12) 1,3-Dichlorobenzene	6.80	146	789860	40.491	ng	98
13) 1,4-Dichlorobenzene	6.87	146	794599	39.822	ng	98
14) 1,2-Dichlorobenzene	7.03	146	739683	40.244	ng	98
15) Benzyl Alcohol	7.00	79	579187	42.217	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	827353	35.854	ng	91
17) 2-Methylphenol	7.12	107	528906	41.202	ng	97
18) Hexachloroethane	7.36	117	284130	42.664	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	469514	41.854	ng	97
20) 3+4-Methylphenols	7.27	107	660849	42.459	ng	# 86
22) Acetophenone	7.26	105	949177	39.714	ng	99
24) Nitrobenzene	7.44	77	696618	44.020	ng	93
25) Isophorone	7.67	82	1137298	39.433	ng	98
26) 2-Nitrophenol	7.75	139	394456	48.467	ng	95
27) 2,4-Dimethylphenol	7.79	122	536380	40.065	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	781660	39.510	ng	99
29) 2,4-Dichlorophenol	8.00	162	604483	41.333	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	683124	40.249	ng	99
31) Naphthalene	8.16	128	1888717	40.252	ng	100
32) Benzoic acid	7.93	122	252024	42.934	ng	98
33) 4-Chloroaniline	8.20	127	841088	39.885	ng	98
34) Hexachlorobutadiene	8.27	225	397128	42.046	ng	99
35) Caprolactam	8.59	113	208733	40.779	ng	99
36) 4-Chloro-3-methylphenol	8.70	107	607049	42.498	ng	99
37) 2-Methylnaphthalene	8.85	142	1304176	40.931	ng	99
38) 1-Methylnaphthalene	8.95	142	1233672	40.288	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	669253	40.108	ng	99

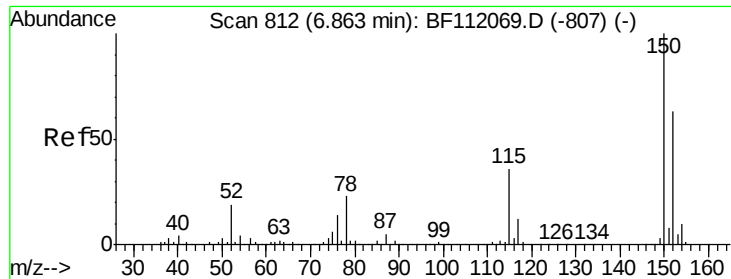
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	202241	35.214	ng	96
43) 2,4,6-Trichlorophenol	9.13	196	430725	43.150	ng	97
44) 2,4,5-Trichlorophenol	9.18	196	455200	42.817	ng	99
46) 1,1'-Biphenyl	9.32	154	1745876	40.181	ng	98
47) 2-Chloronaphthalene	9.34	162	1368177	40.227	ng	96
48) 2-Nitroaniline	9.43	65	379175	49.495	ng	93
49) Acenaphthylene	9.76	152	1999854	40.293	ng	100
50) Dimethylphthalate	9.61	163	1582696	41.764	ng	99
51) 2,6-Dinitrotoluene	9.67	165	368771	48.728	ng	# 89
52) Acenaphthene	9.93	154	1202163	39.588	ng	100
53) 3-Nitroaniline	9.85	138	394357	46.598	ng	91
54) 2,4-Dinitrophenol	9.96	184	115091	57.188	ng	98
55) Dibenzofuran	10.10	168	1845208	40.180	ng	96
56) 4-Nitrophenol	10.02	139	235785	41.881	ng	98
57) 2,4-Dinitrotoluene	10.08	165	473530	48.672	ng	# 88
58) Fluorene	10.44	166	1383957	40.335	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	356307	44.413	ng	96
60) Diethylphthalate	10.31	149	1569655	42.433	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	752476	40.641	ng	93
62) 4-Nitroaniline	10.46	138	389923	46.400	ng	96
63) Azobenzene	10.59	77	1408719	39.767	ng	96
65) 4,6-Dinitro-2-methylphenol	10.50	198	213443	49.686	ng	98
66) n-Nitrosodiphenylamine	10.55	169	1338911	39.675	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	487942	41.152	ng	90
68) Hexachlorobenzene	11.00	284	514524	40.284	ng	96
69) Atrazine	11.07	200	453140	41.611	ng	96
70) Pentachlorophenol	11.19	266	243152	42.678	ng	99
71) Phenanthrene	11.40	178	2031187	39.538	ng	99
72) Anthracene	11.46	178	2055574	39.499	ng	100
73) Carbazole	11.61	167	2014842	38.649	ng	98
74) Di-n-butylphthalate	11.93	149	2420048	41.269	ng	99
75) Fluoranthene	12.59	202	2112158	38.940	ng	100
77) Benzidine	12.70	184	785997	30.786	ng	99
78) Pyrene	12.82	202	2138160	42.352	ng	99
80) Butylbenzylphthalate	13.43	149	1043490	47.115	ng	91
81) Benzo(a)anthracene	14.01	228	1774042	40.435	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	688133	41.880	ng	100
83) Chrysene	14.05	228	1696836	40.873	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1478904	46.592	ng	100
85) Di-n-octyl phthalate	14.60	149	2186589	44.710	ng	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	1361230	35.540	ng	98
88) Benzo(b)fluoranthene	15.06	252	1491505	42.131	ng	98
89) Benzo(k)fluoranthene	15.09	252	1425249	41.596	ng	99
90) Benzo(a)pyrene	15.43	252	1333263	41.067	ng	98
91) Dibenzo(a,h)anthracene	16.99	278	1138448	39.481	ng	98
92) Benzo(g,h,i)perylene	17.42	276	1103317	38.839	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

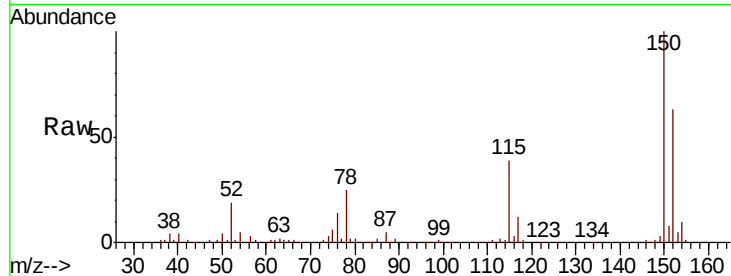


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	127.4	191.0
115	61.1	45.5	68.3

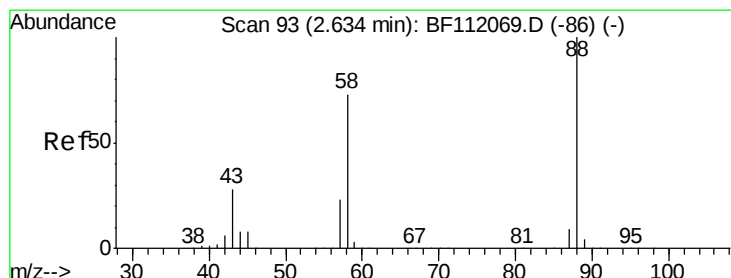
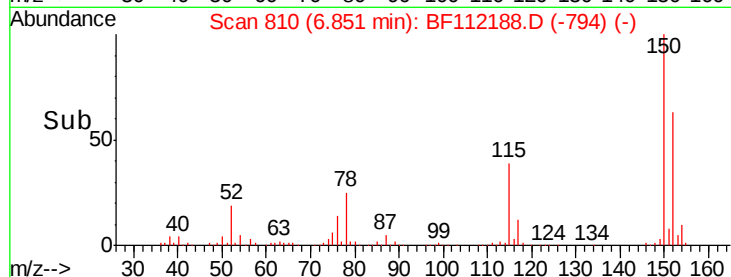
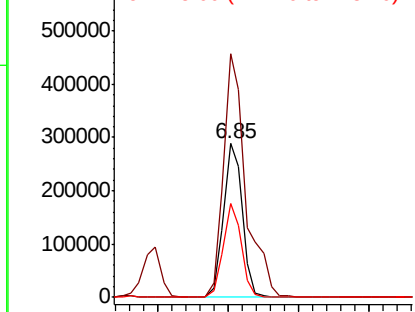


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

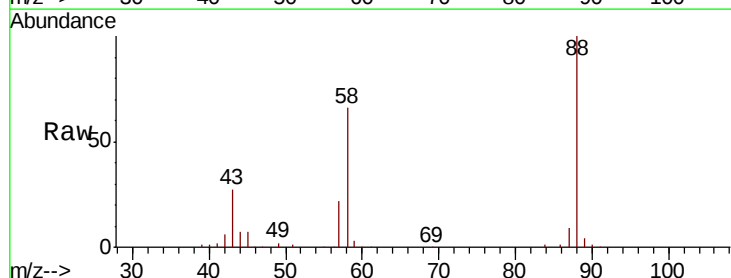
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.035 ng
RT: 2.62 min Scan# 90
Delta R.T. -0.02 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.3	57.4	86.2
43	28.3	22.2	33.4

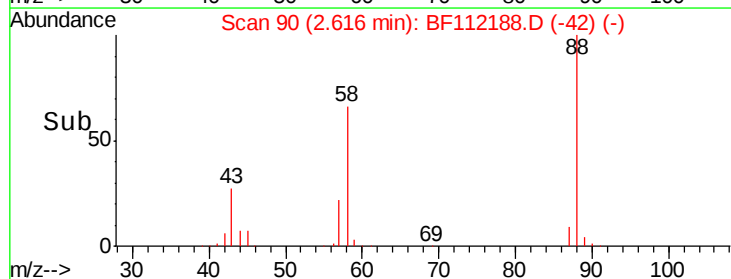
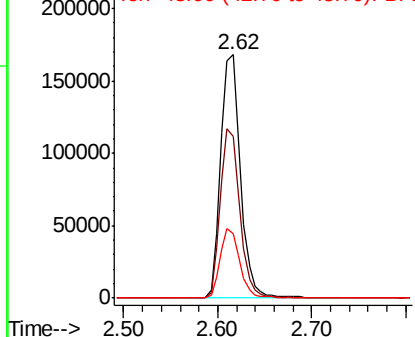


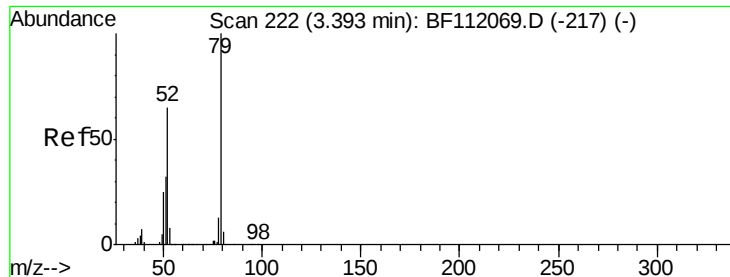
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 37.073 ng

RT: 3.37 min Scan# 218

Delta R.T. -0.02 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

Instrument :

BNA_F

ClientSampleId :

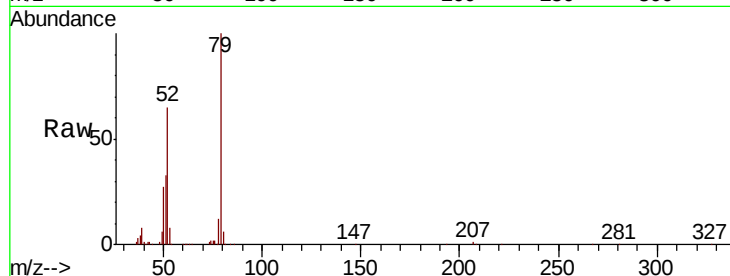
Tot Ion: 79 Resp: 640923

Ion Ratio Lower Upper

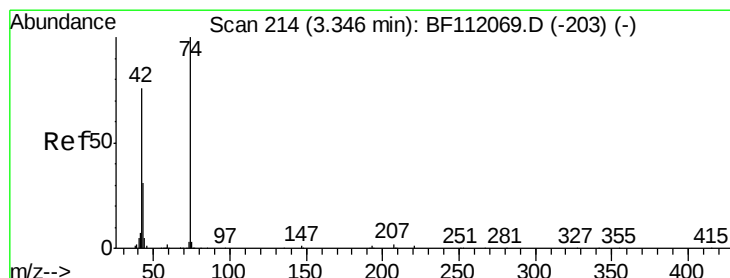
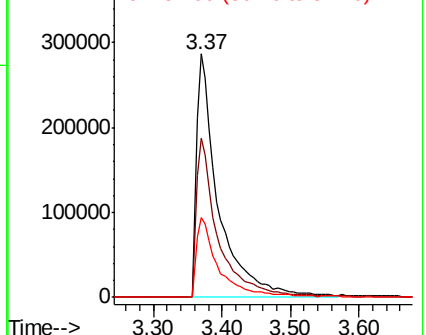
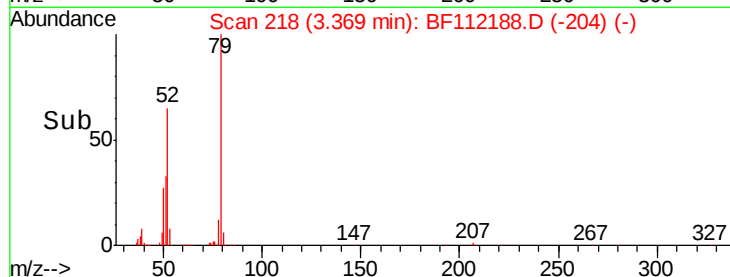
79 100

52 65.4 52.4 78.6

51 32.7 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.565 ng

RT: 3.32 min Scan# 210

Delta R.T. -0.02 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

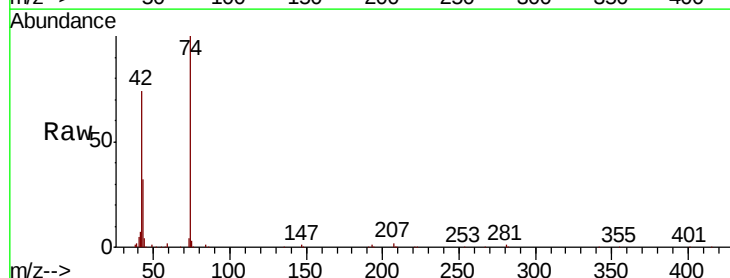
Tgt Ion: 42 Resp: 256667

Ion Ratio Lower Upper

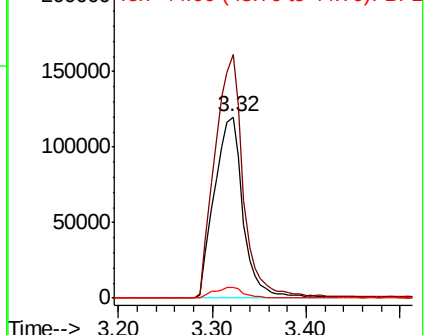
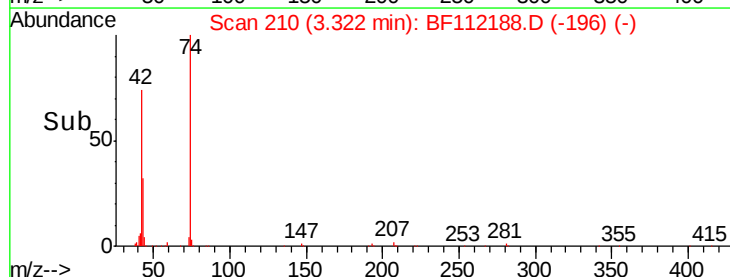
42 100

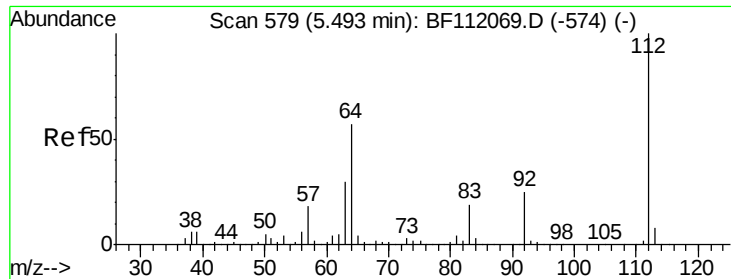
74 134.4 105.6 158.4

44 6.0 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 79.502 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

Instrument :

BNA_F

ClientSampled :

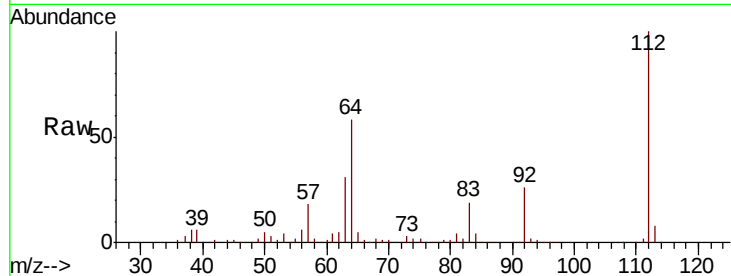
Tot Ion:112 Resp: 1170094

Ion Ratio Lower Upper

112 100

64 58.1 45.7 68.5

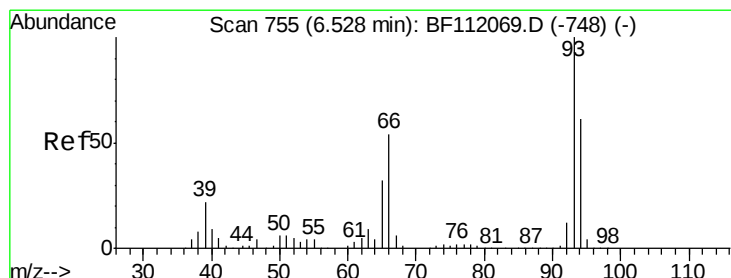
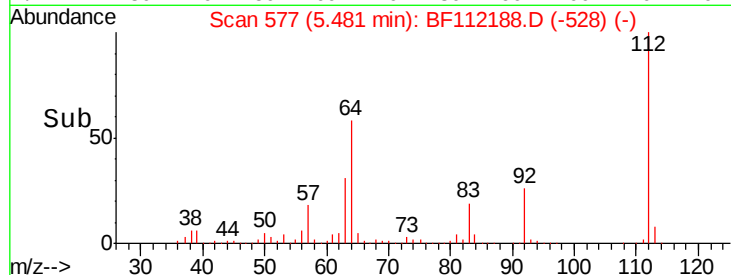
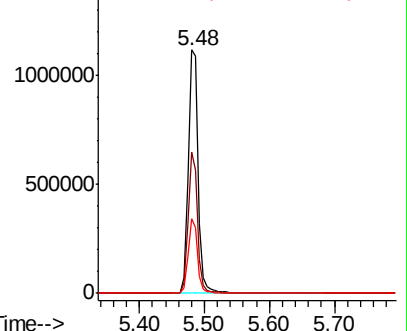
63 30.7 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.122 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

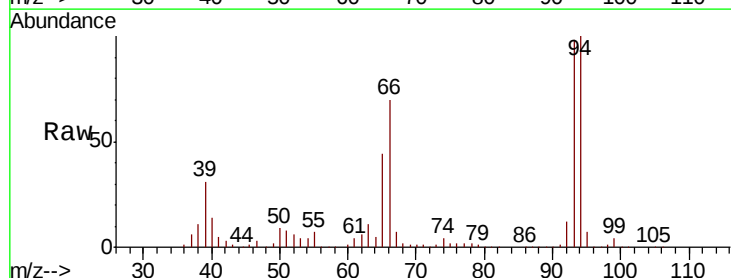
Tgt Ion: 93 Resp: 876194

Ion Ratio Lower Upper

93 100

66 71.4 43.4 65.2#

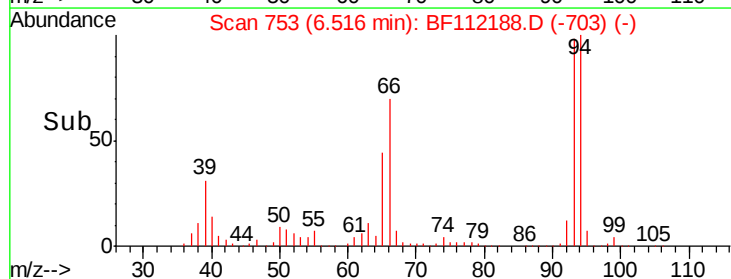
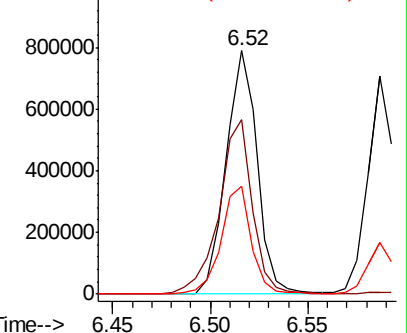
65 44.5 25.3 37.9#

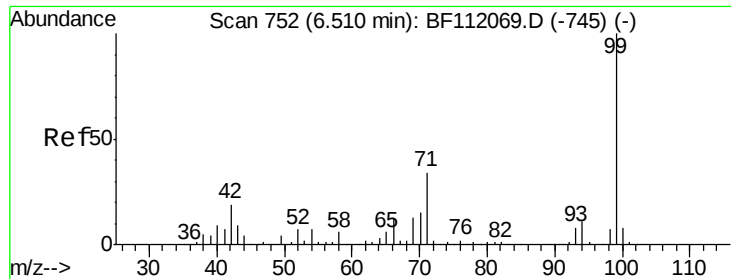


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.279 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

Instrument :

BNA_F

ClientSampleId :

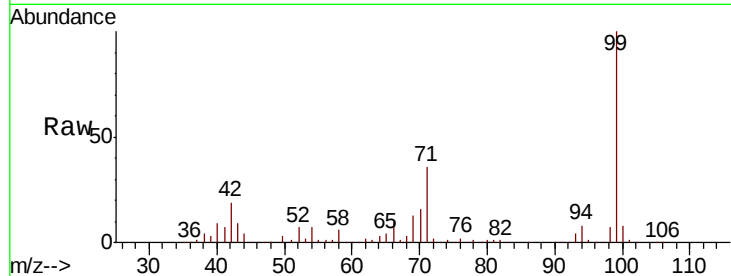
Tot Ion: 99 Resp: 1441443

Ion Ratio Lower Upper

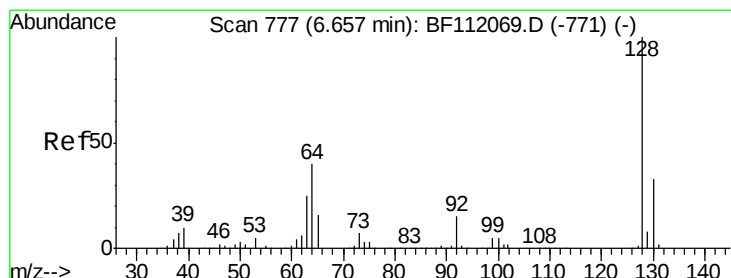
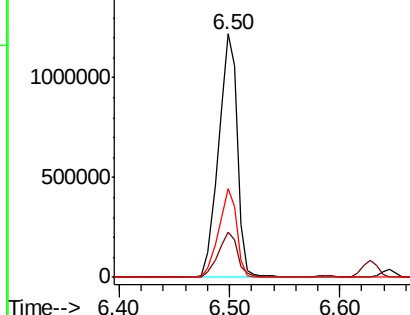
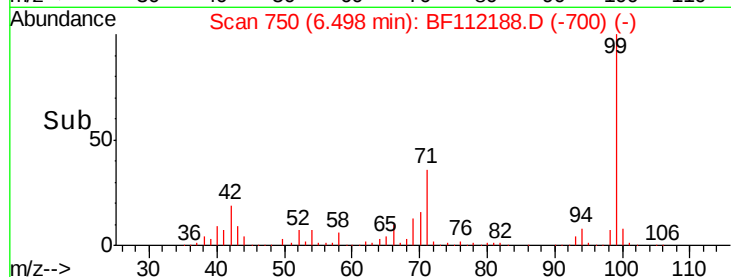
99 100

42 18.8 15.1 22.7

71 36.2 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.373 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

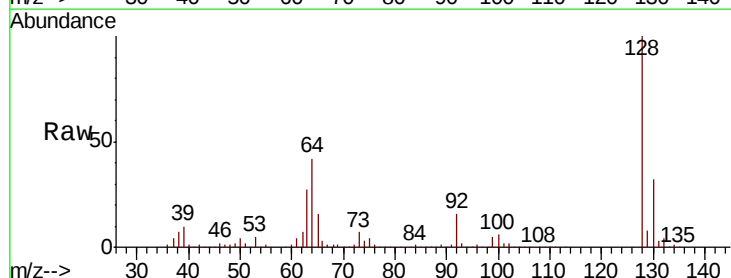
Tgt Ion: 128 Resp: 690107

Ion Ratio Lower Upper

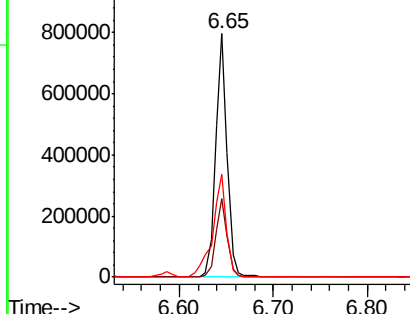
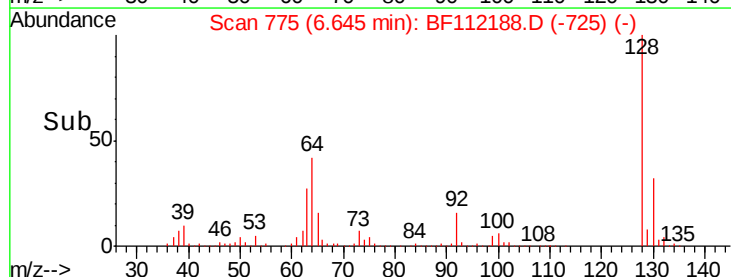
128 100

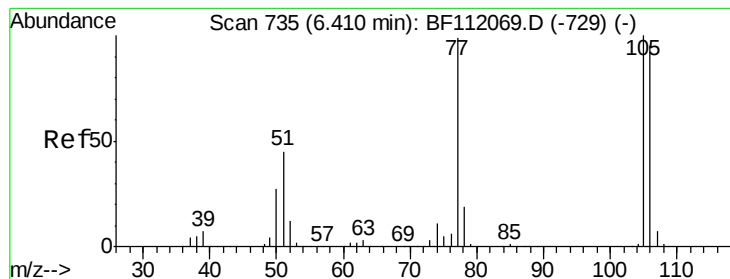
130 32.5 13.4 53.4

64 42.4 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.700 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

Instrument :

BNA_F

ClientSampleId :

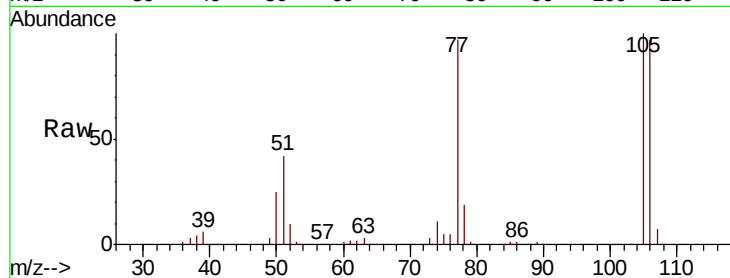
Tot Ion: 77 Resp: 374621

Ion Ratio Lower Upper

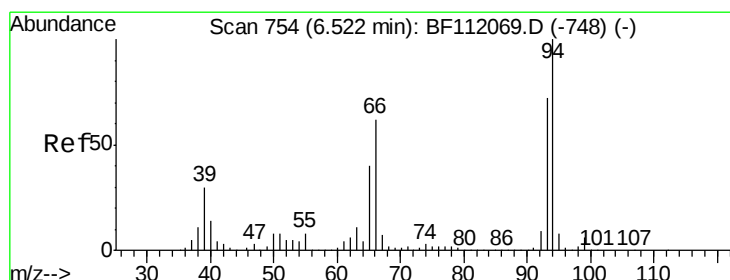
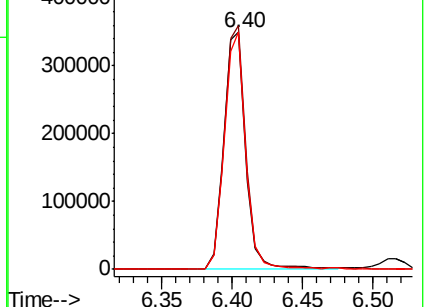
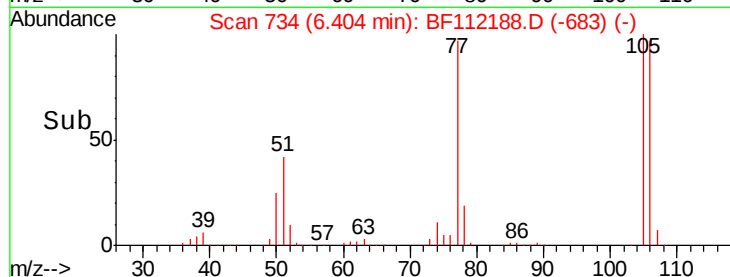
77 100

105 102.7 80.8 120.8

106 99.8 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 39.201 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

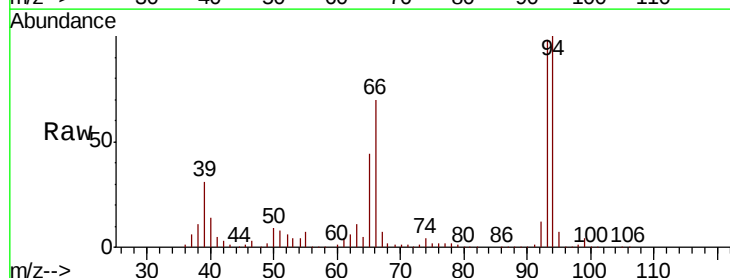
Tgt Ion: 94 Resp: 788907

Ion Ratio Lower Upper

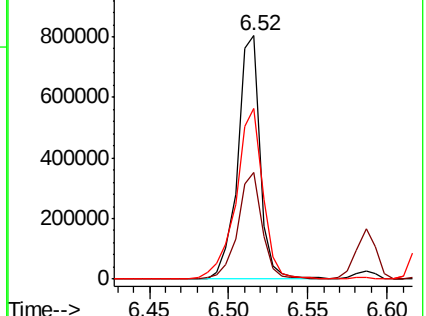
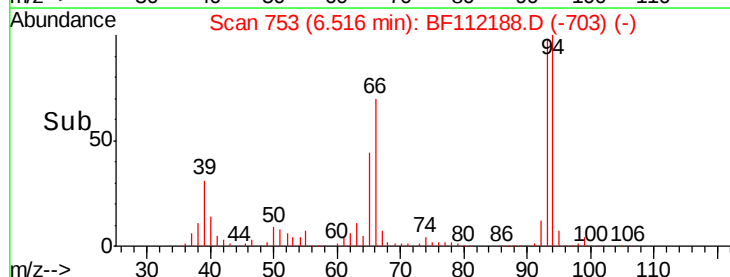
94 100

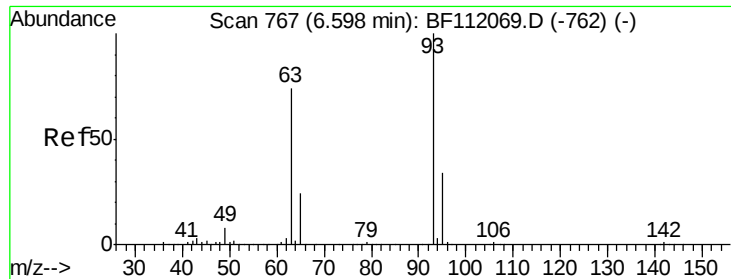
65 43.7 20.3 60.3

66 70.1 42.4 82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.603 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

Instrument :

BNA_F

ClientSampleId :

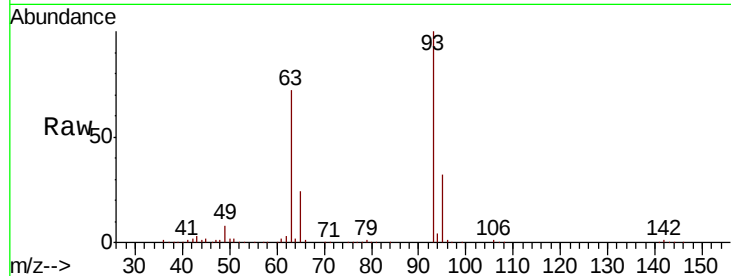
Tot Ion: 93 Resp: 633711

Ion Ratio Lower Upper

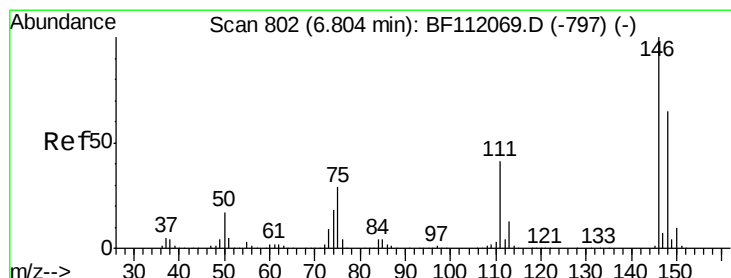
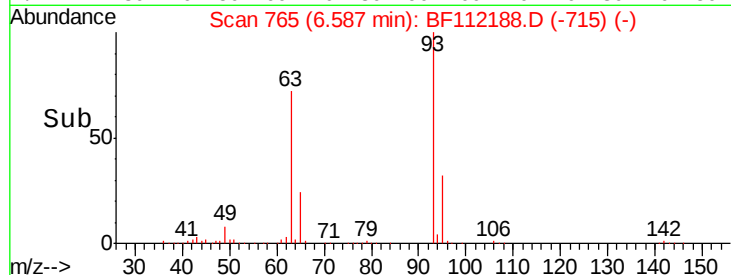
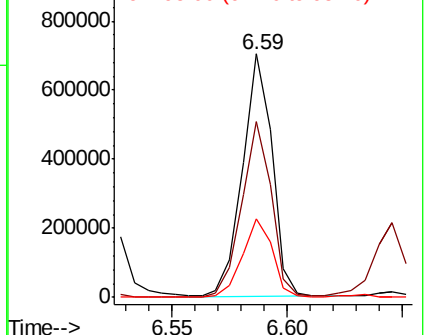
93 100

63 71.9 53.3 93.3

95 32.2 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.491 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

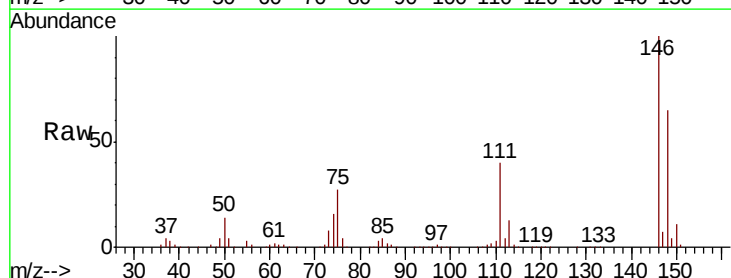
Tgt Ion: 146 Resp: 789860

Ion Ratio Lower Upper

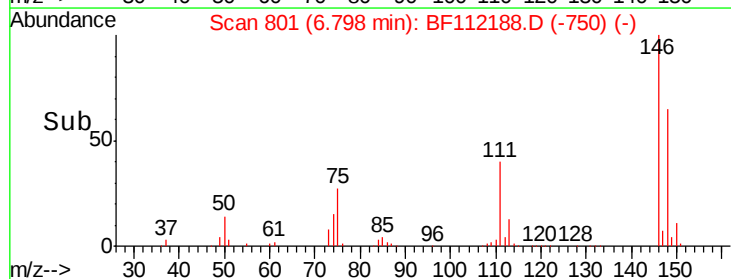
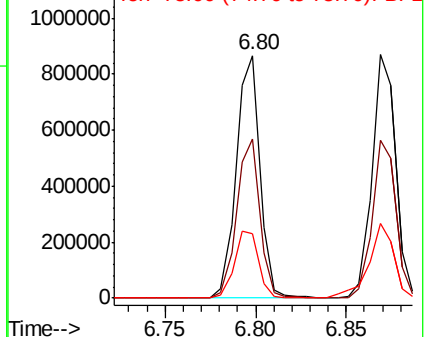
146 100

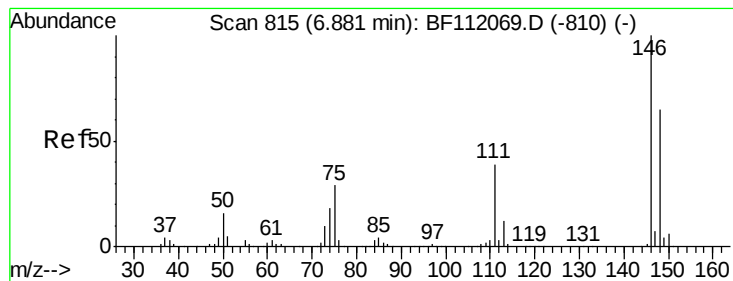
148 65.4 51.8 77.8

75 26.8 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.822 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

Instrument :

BNA_F

ClientSampled :

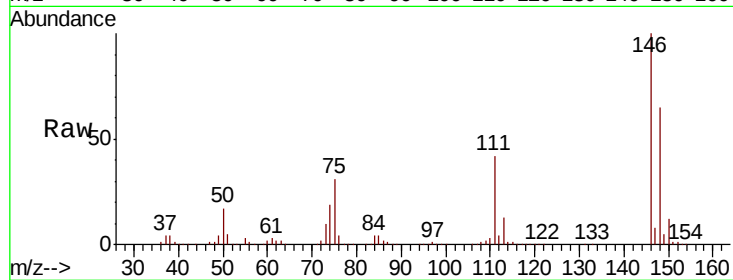
Tot Ion:146 Resp: 794599

Ion Ratio Lower Upper

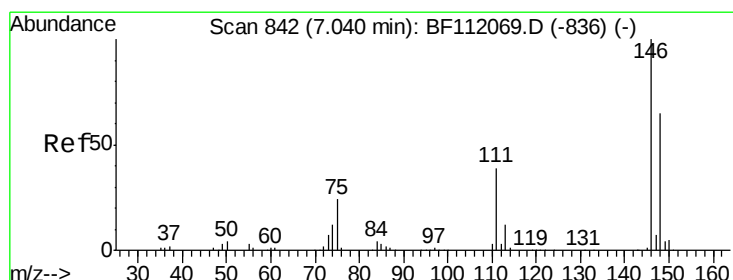
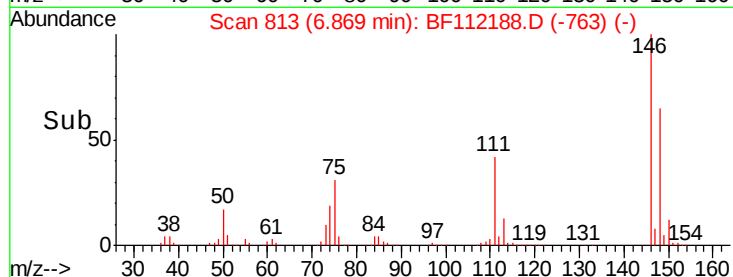
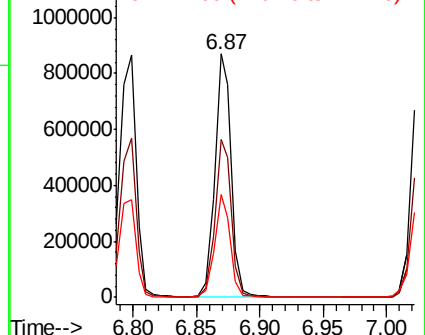
146 100

148 65.1 52.0 78.0

111 42.0 31.2 46.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.244 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

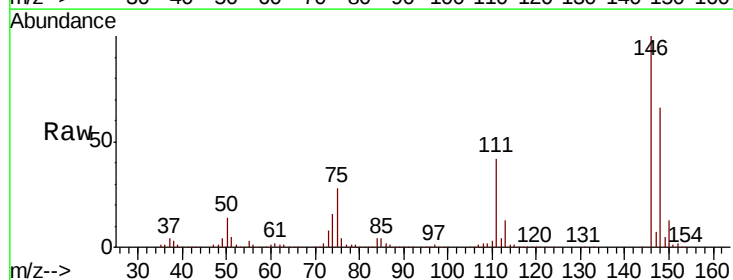
Tgt Ion:146 Resp: 739683

Ion Ratio Lower Upper

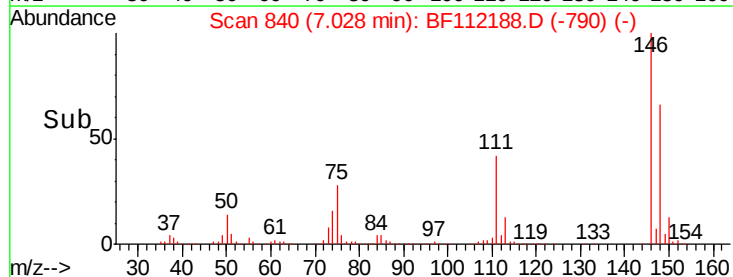
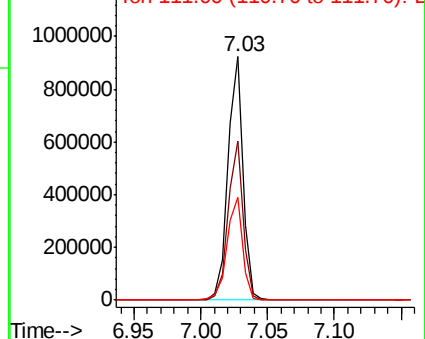
146 100

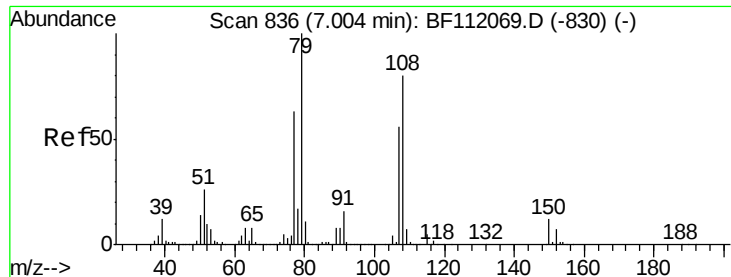
148 65.6 52.2 78.4

111 42.4 31.2 46.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.217 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

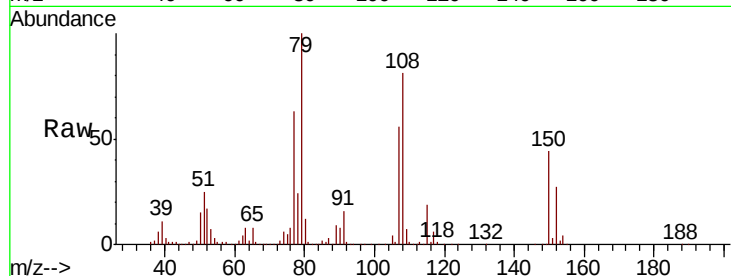
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 579187

Ion	Ratio	Lower	Upper
79	100		
108	80.6	64.2	96.2
77	63.5	50.3	75.5

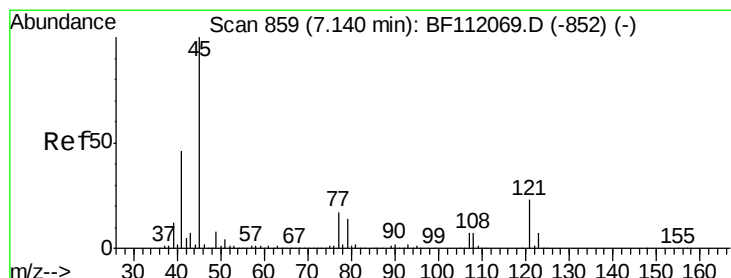
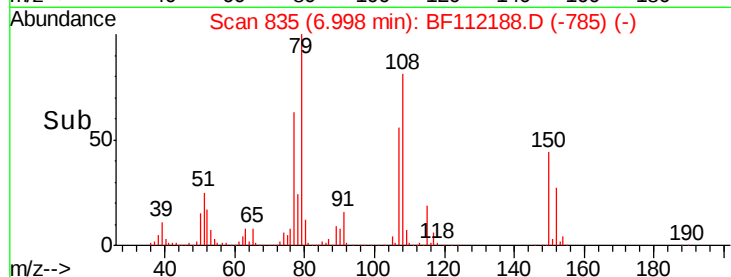
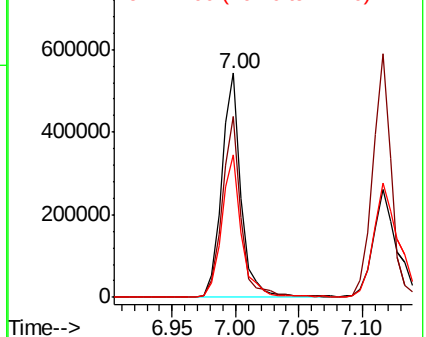


Abundance

Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.854 ng

RT: 7.13 min Scan# 857

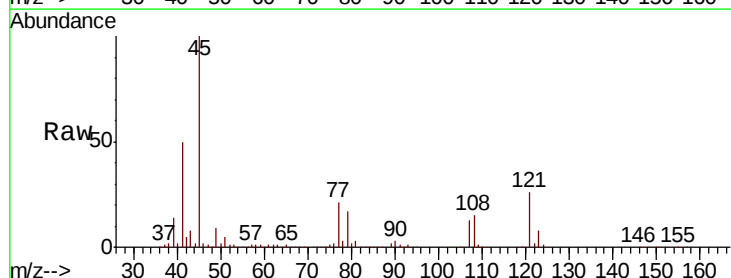
Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

Tgt Ion: 45 Resp: 827353

Ion	Ratio	Lower	Upper
45	100		
77	21.2	0.0	36.9
79	16.8	0.0	34.0

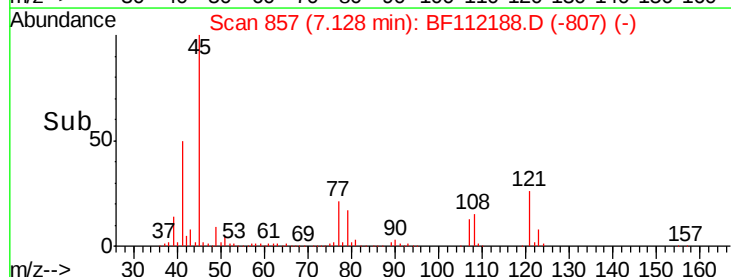
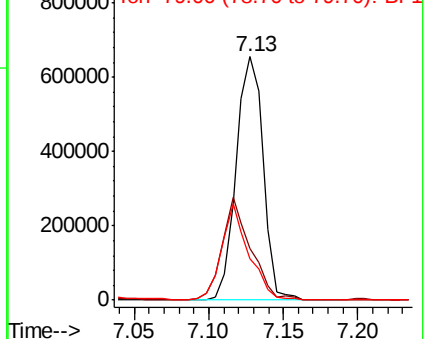


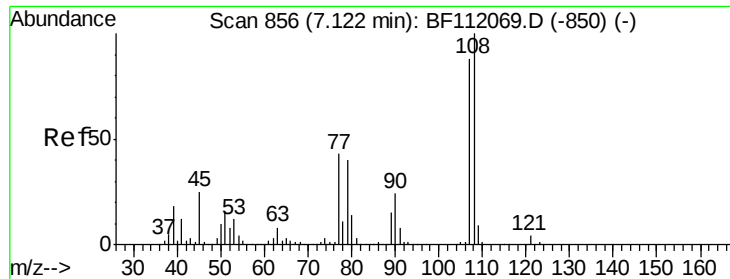
Abundance

Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

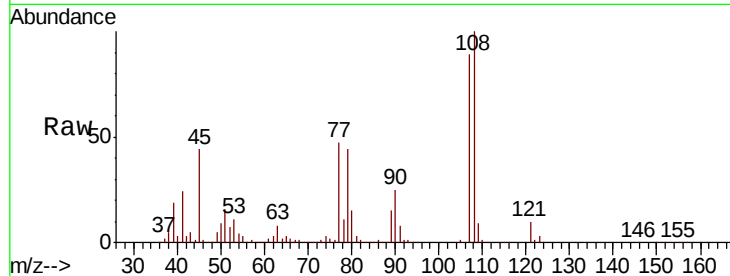




#17
2-Methylphenol
Concen: 41.202 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	528906
Ion	Ratio	Lower	Upper
107	100		
108	112.3	91.3	136.9
77	52.5	39.0	58.6
79	49.6	37.0	55.4



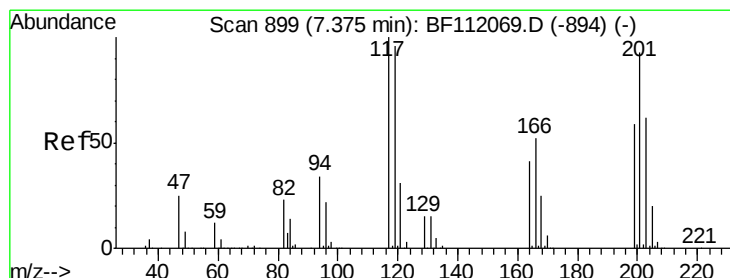
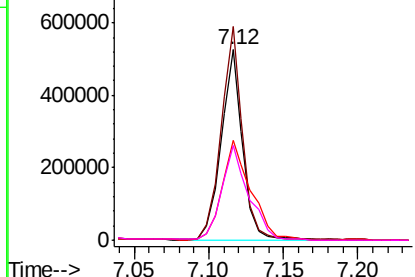
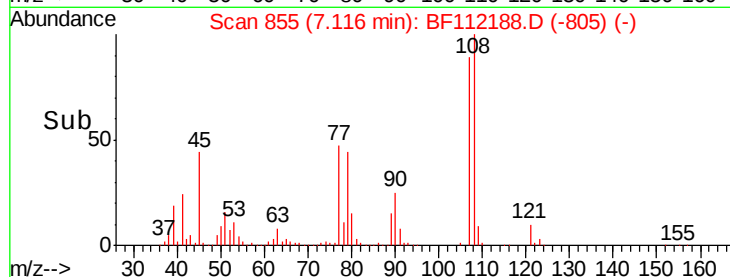
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

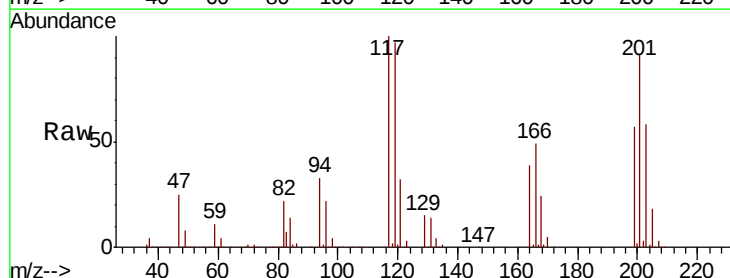
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.664 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Tgt Ion:	117	Resp:	284130
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.0	115.4
201	91.3	74.1	111.1

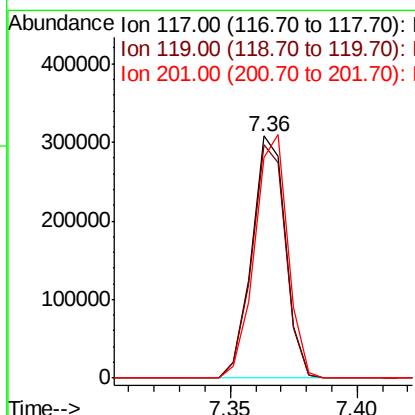
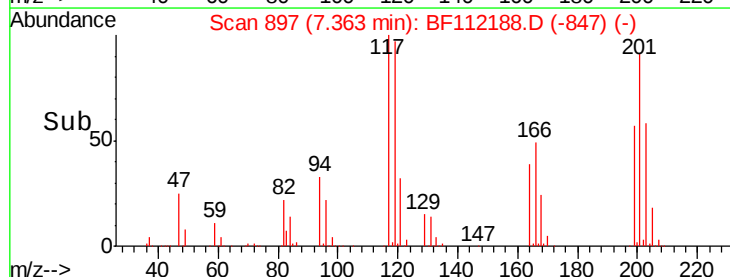


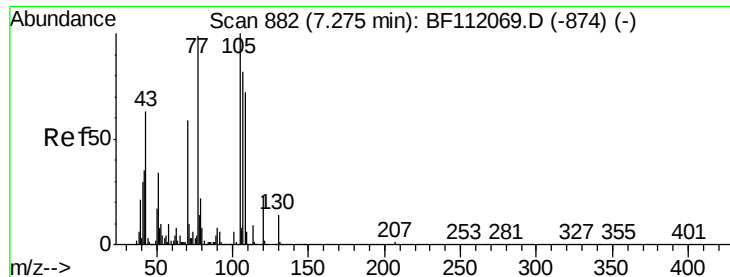
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

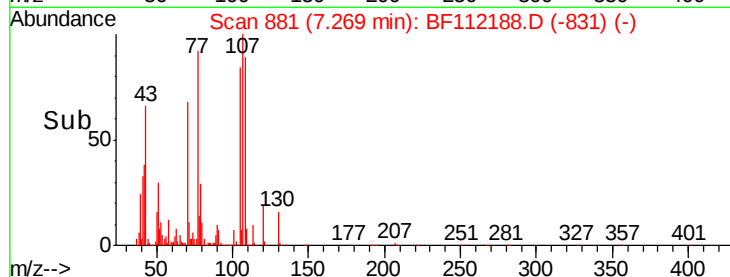
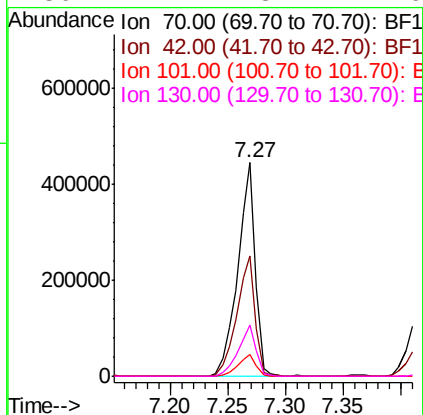
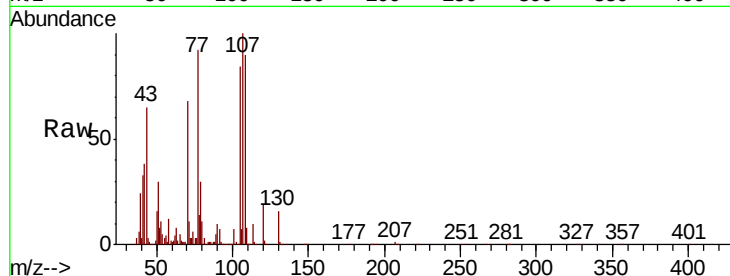




#19
n-Nitroso-di-n-propylamine
Concen: 41.854 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

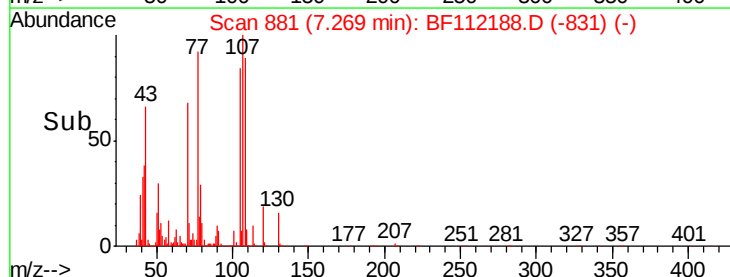
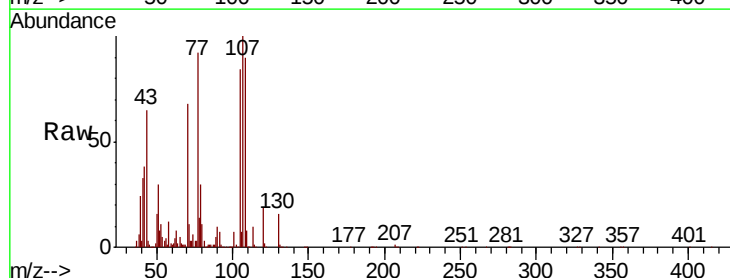
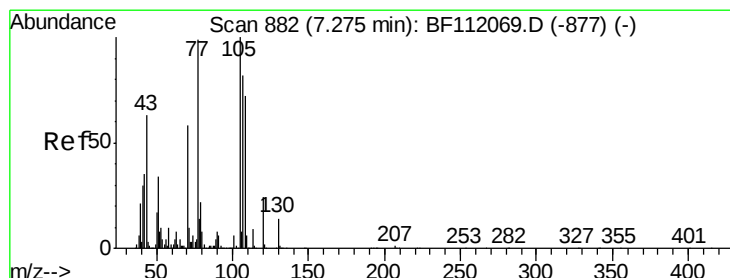
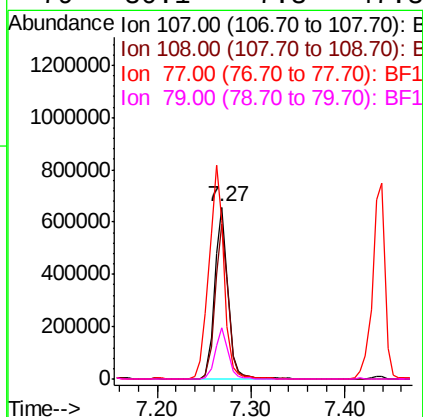
Instrument :
BNA_F
ClientSampleId :

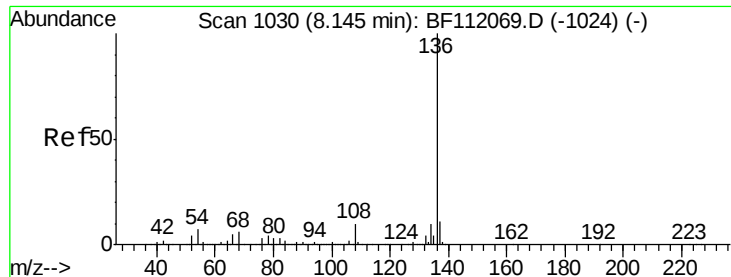
Tot Ion: 70 Resp: 469514
Ion Ratio Lower Upper
70 100
42 56.6 47.6 71.4
101 9.9 7.9 11.9
130 24.2 18.4 27.6



#20
3+4-Methylphenols
Concen: 42.459 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Tgt Ion: 107 Resp: 660849
Ion Ratio Lower Upper
107 100
108 89.7 68.2 108.2
77 92.3 100.7 140.7#
79 30.1 7.3 47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1031637

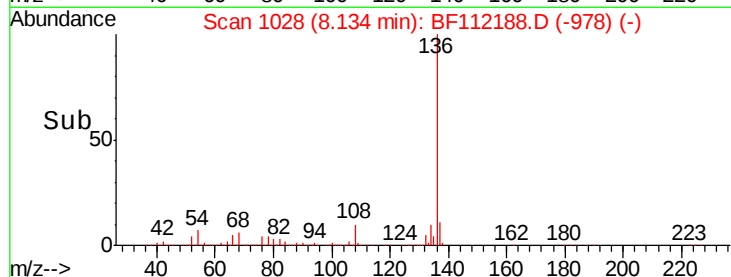
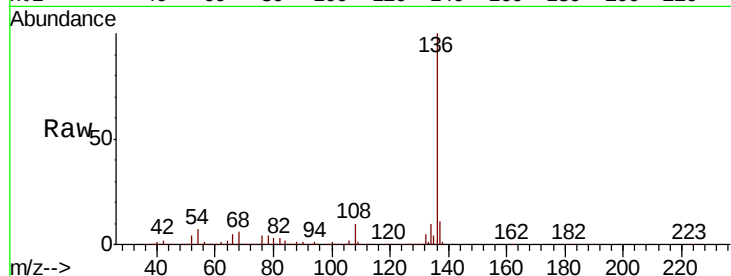
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.0 5.9 8.9

68 5.7 5.1 7.7

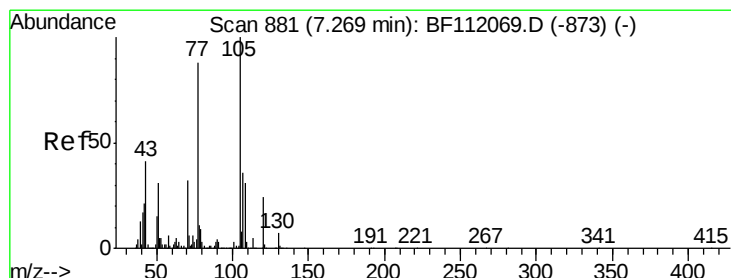
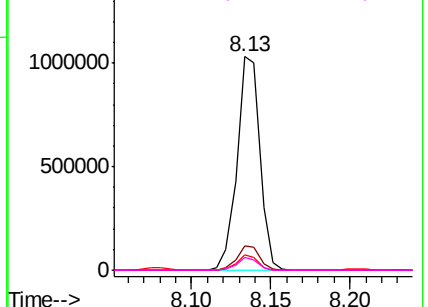


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.714 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

Tgt Ion:105 Resp: 949177

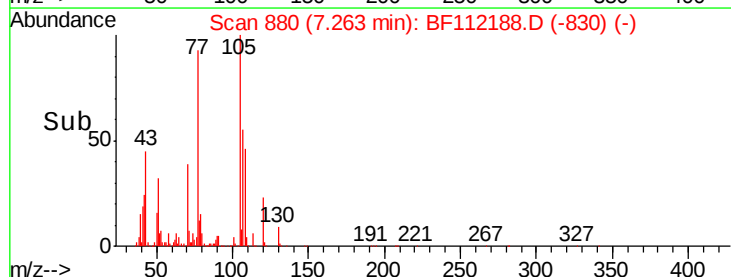
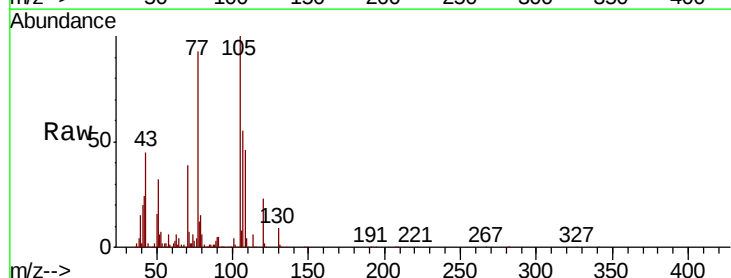
Ion Ratio Lower Upper

105 100

71 6.6 4.6 6.8

51 31.8 25.0 37.6

120 23.4 19.0 28.4

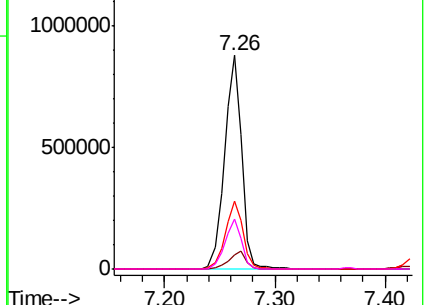


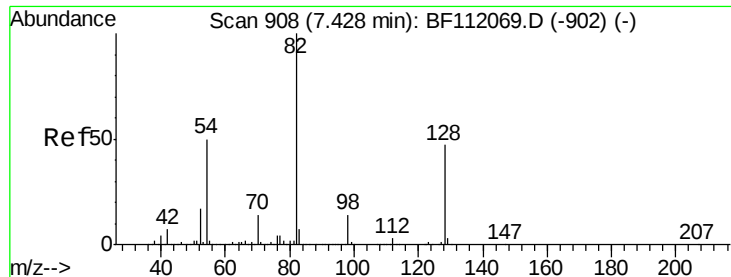
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 92.041 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

Instrument :

BNA_F

ClientSampleId :

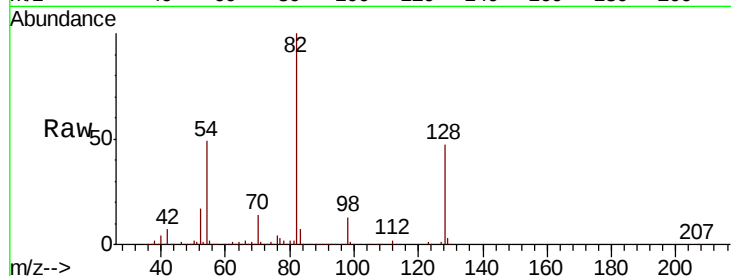
Tot Ion: 82 Resp: 1374350

Ion Ratio Lower Upper

82 100

128 46.5 37.8 56.8

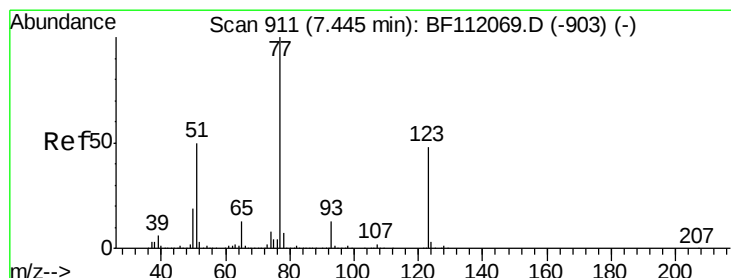
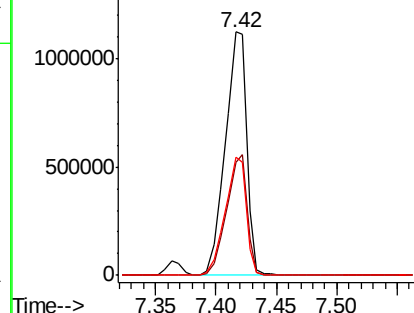
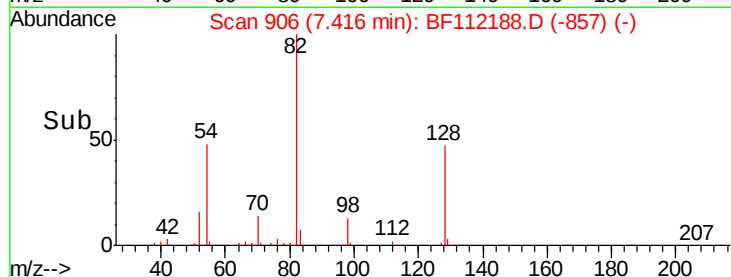
54 48.7 39.7 59.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 44.020 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

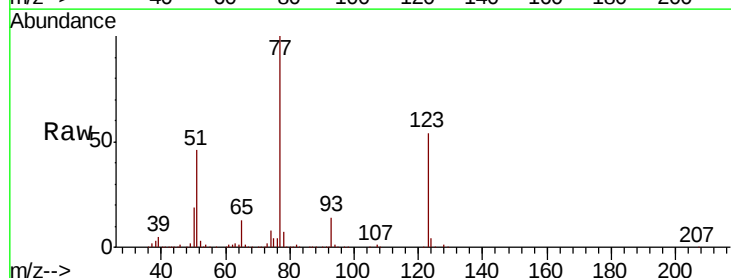
Tgt Ion: 77 Resp: 696618

Ion Ratio Lower Upper

77 100

123 54.2 38.4 57.6

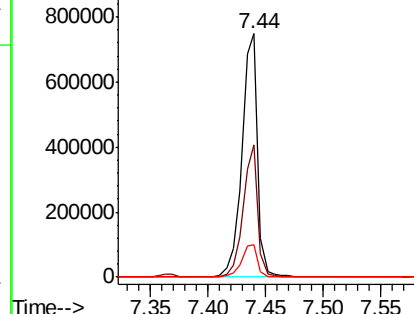
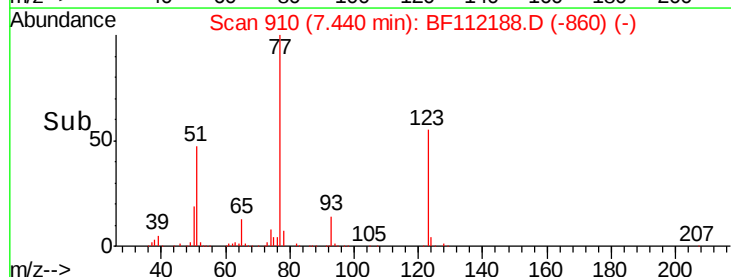
65 13.2 10.6 15.8

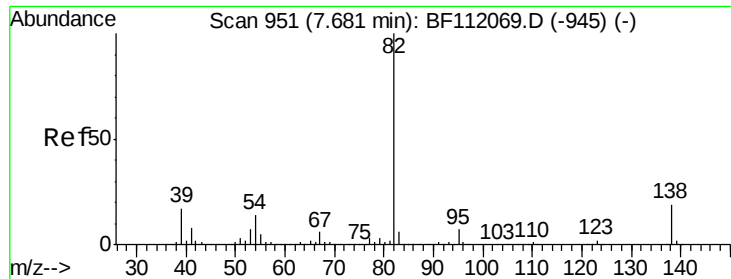


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.433 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

Instrument :

BNA_F

ClientSampleId :

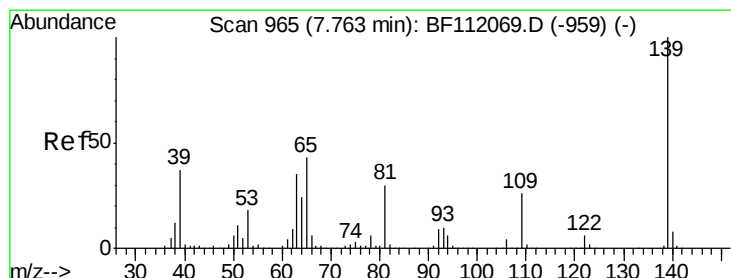
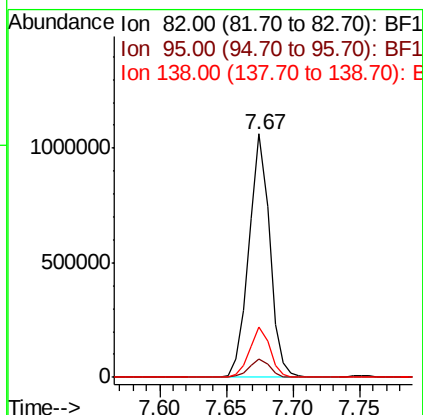
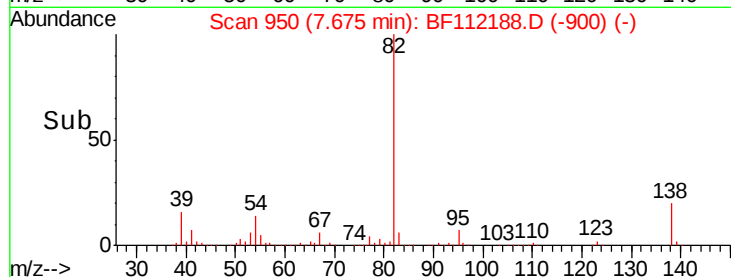
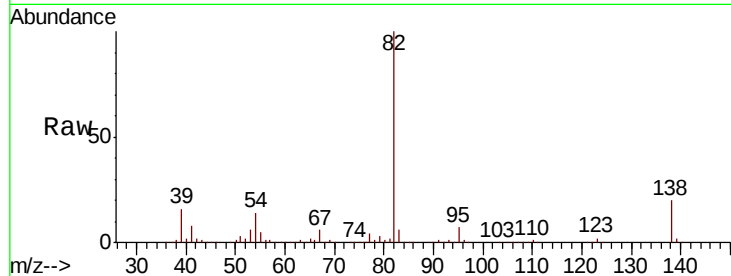
Tot Ion: 82 Resp: 1137298

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

138 20.4 15.4 23.0



#26

2-Nitrophenol

Concen: 48.467 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

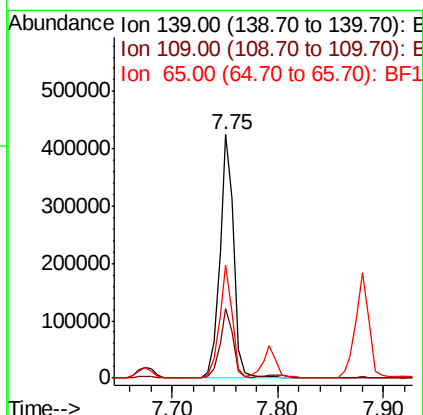
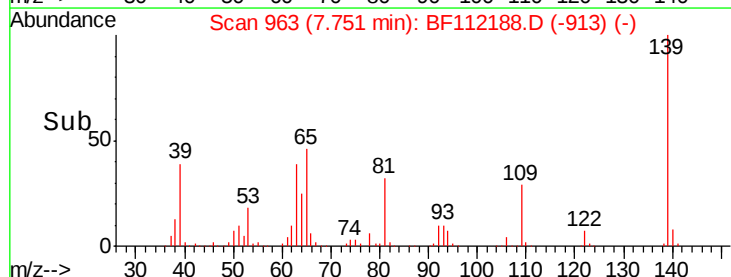
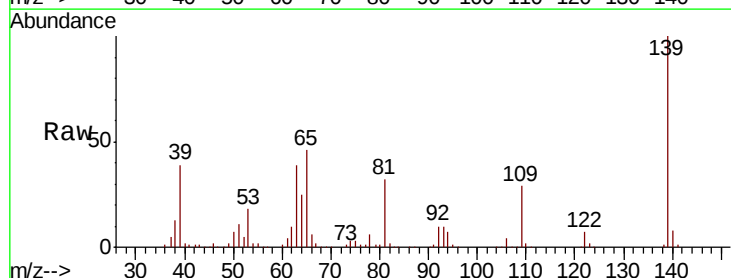
Tgt Ion: 139 Resp: 394456

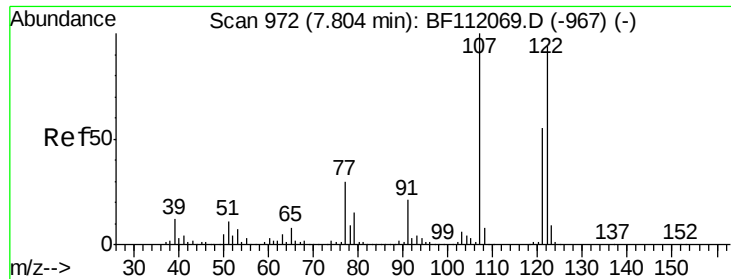
Ion Ratio Lower Upper

139 100

109 28.8 20.8 31.2

65 46.3 34.4 51.6

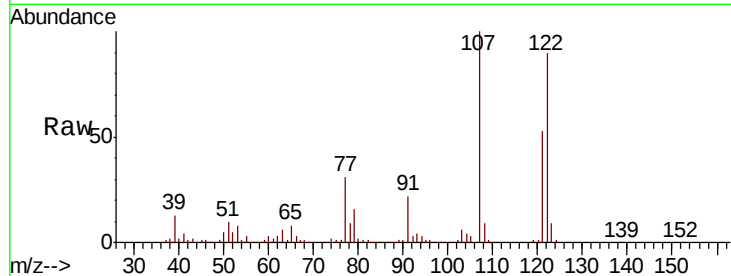




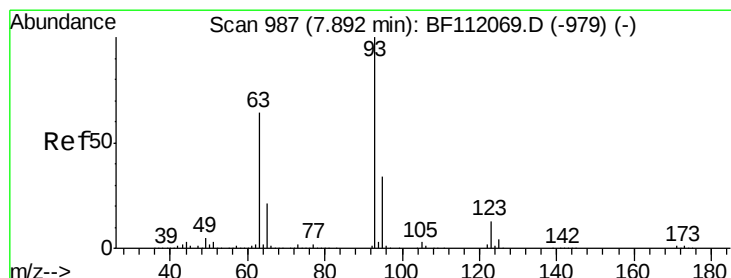
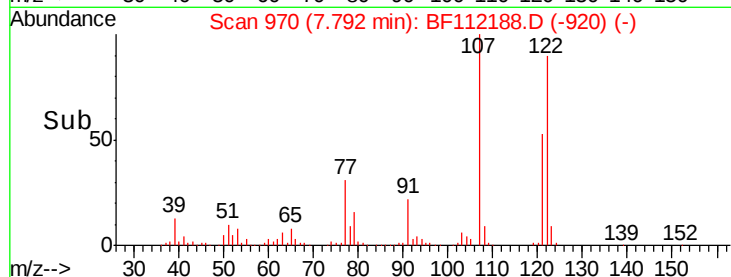
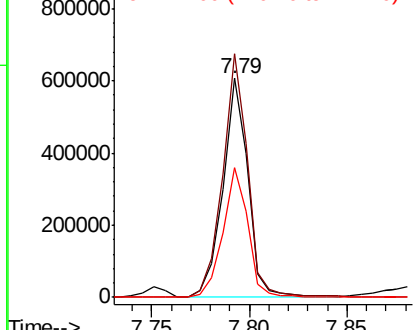
#27
2,4-Dimethylphenol
Concen: 40.065 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 536380
Ion Ratio Lower Upper
122 100
107 111.1 85.4 128.0
121 59.2 47.0 70.4

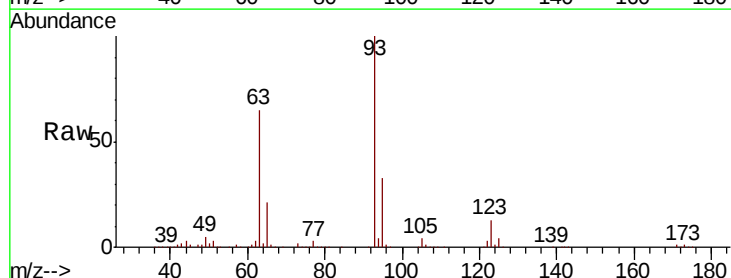


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

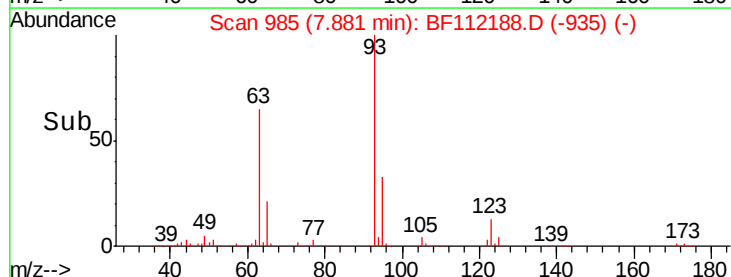
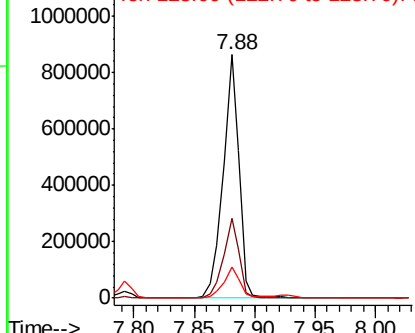


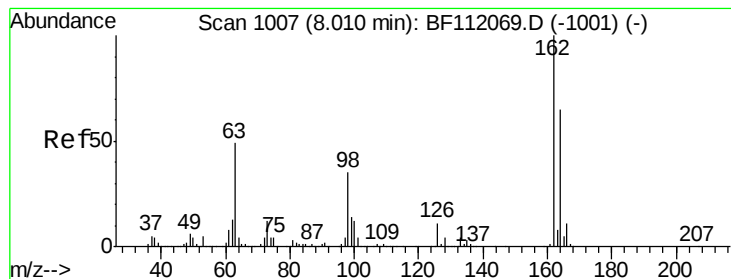
#28
bis(2-Chloroethoxy)methane
Concen: 39.510 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Tgt Ion: 93 Resp: 781660
Ion Ratio Lower Upper
93 100
95 32.8 26.8 40.2
123 12.7 10.2 15.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.333 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

Instrument :

BNA_F

ClientSampled :

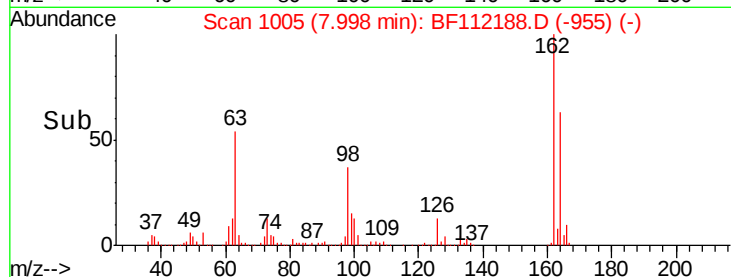
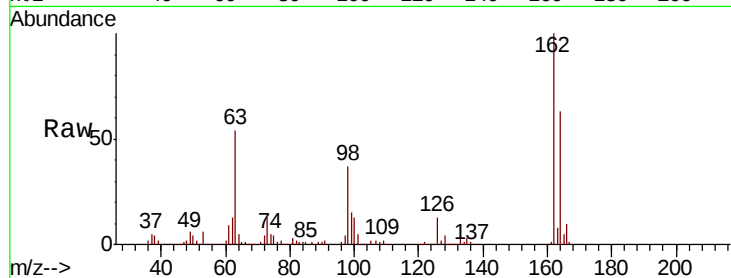
Tot Ion:162 Resp: 604483

Ion Ratio Lower Upper

162 100

164 63.5 44.6 84.6

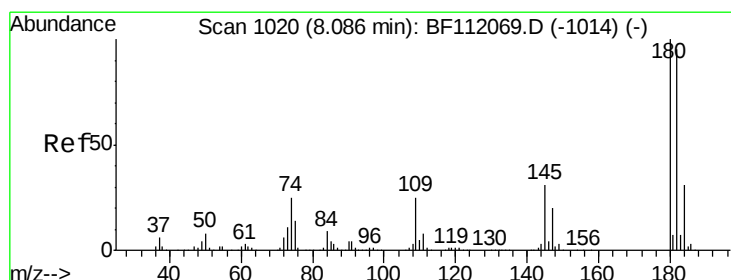
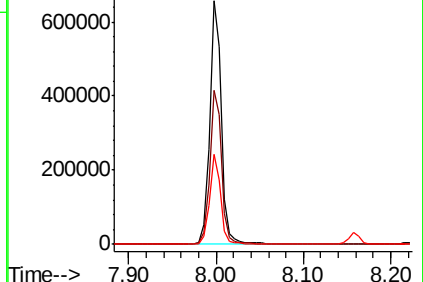
98 37.2 14.6 54.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 40.249 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

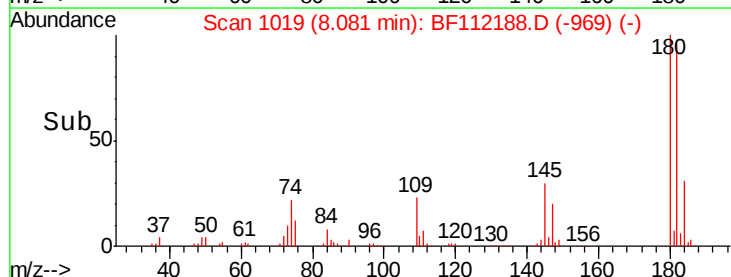
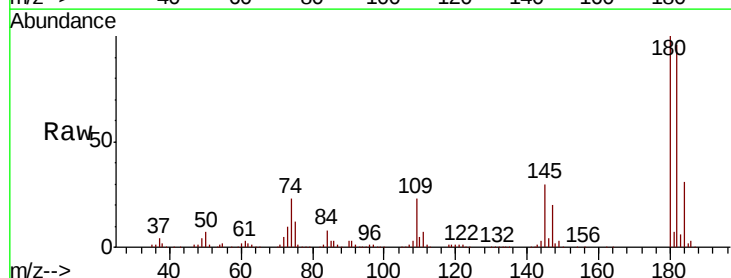
Tgt Ion:180 Resp: 683124

Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

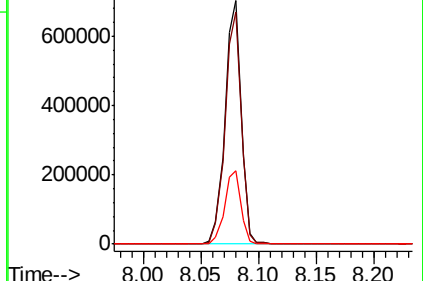
145 30.0 25.0 37.4

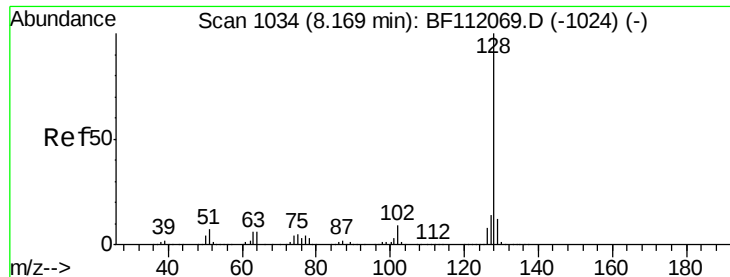


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

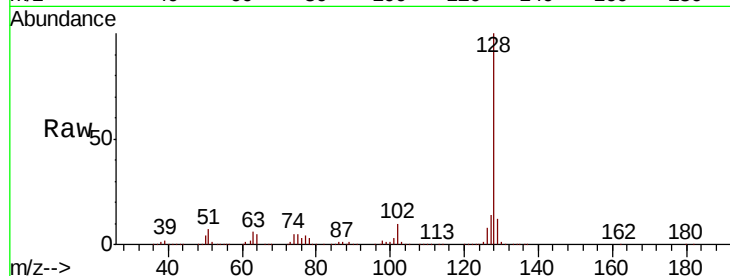




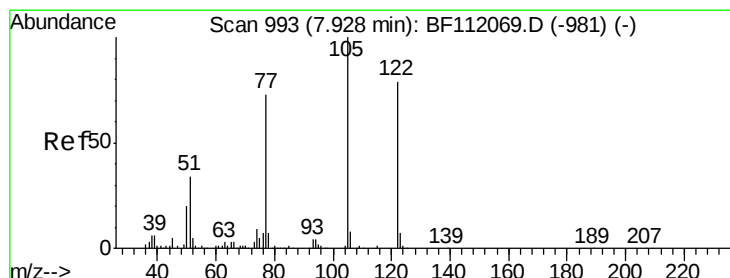
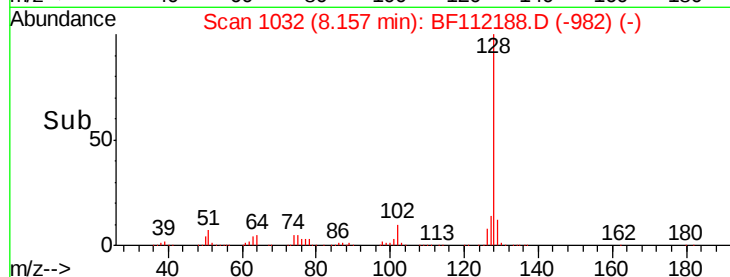
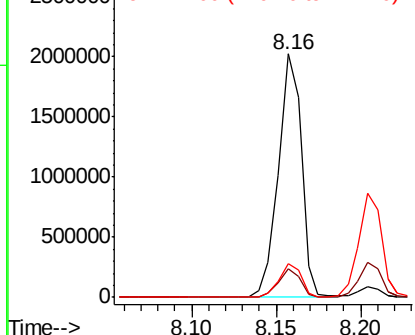
#31
Naphthalene
Concen: 40.252 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1888717
Ion Ratio Lower Upper
128 100
129 11.9 9.6 14.4
127 14.0 11.1 16.7

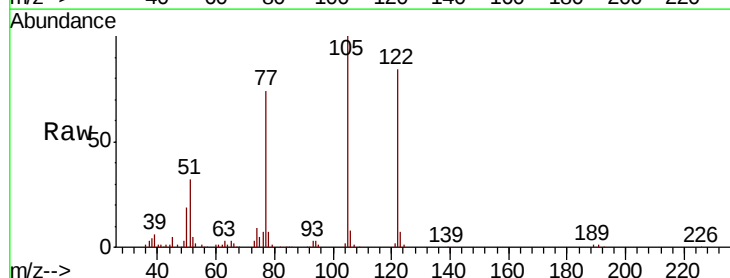


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

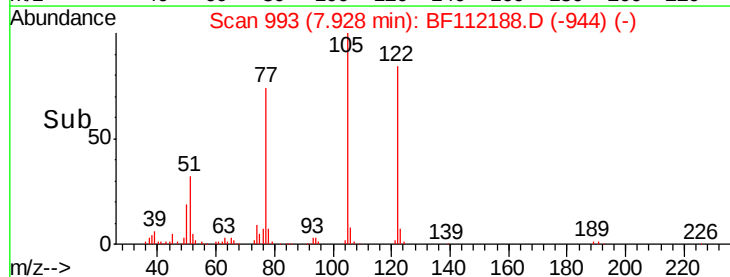
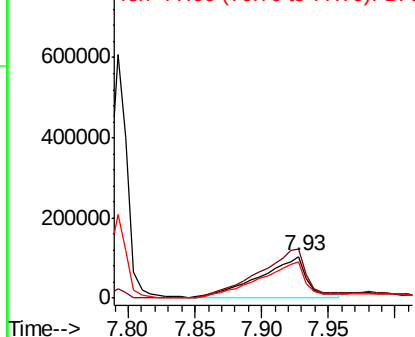


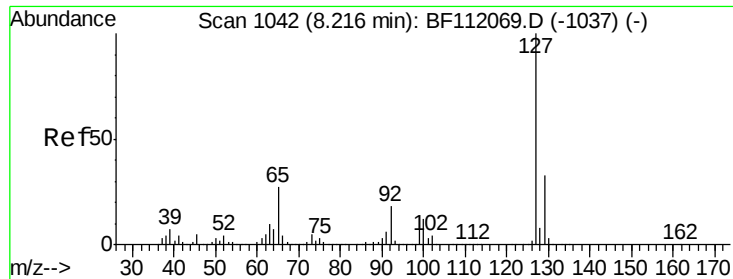
#32
Benzoic acid
Concen: 42.934 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Tgt Ion:122 Resp: 252024
Ion Ratio Lower Upper
122 100
105 118.8 101.2 141.2
77 88.1 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

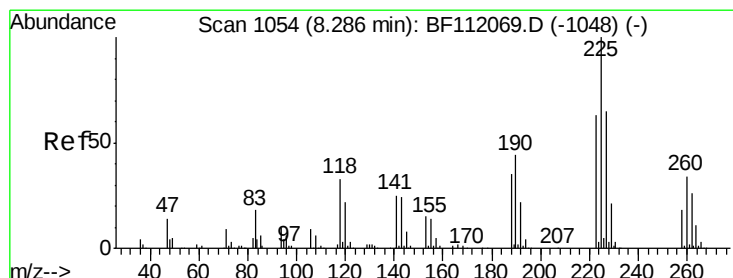
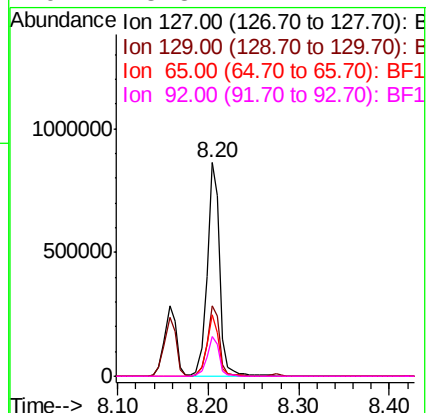
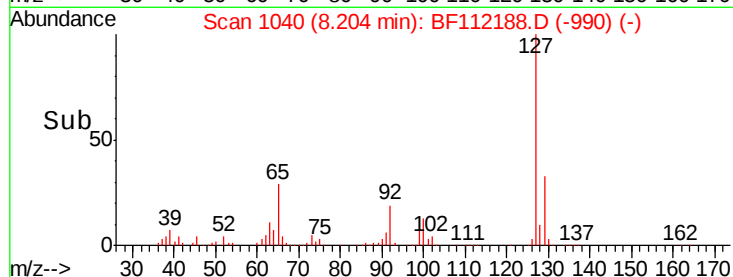
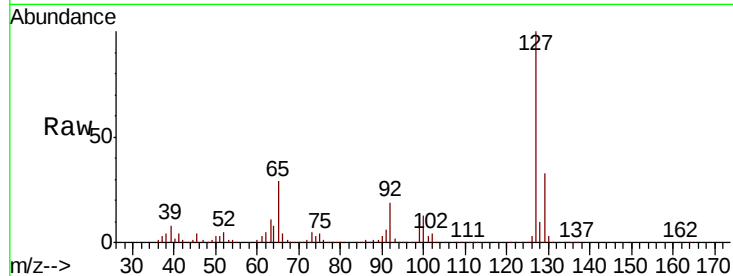




#33
4-Chloroaniline
Concen: 39.885 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

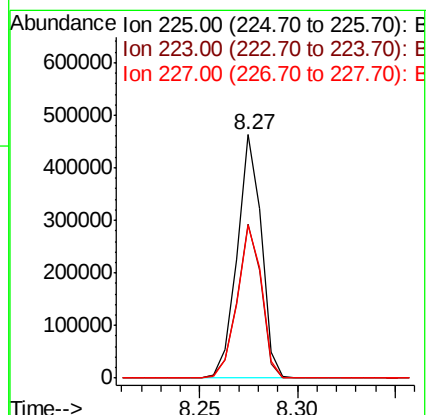
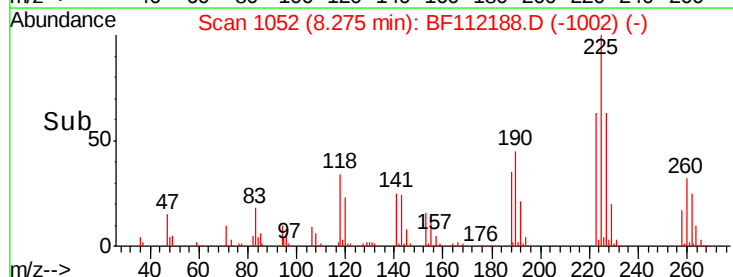
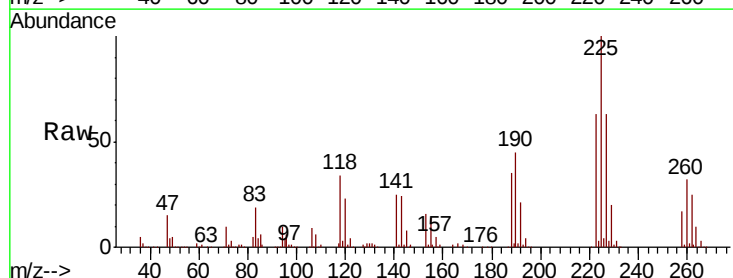
Instrument :
BNA_F
ClientSampleId :

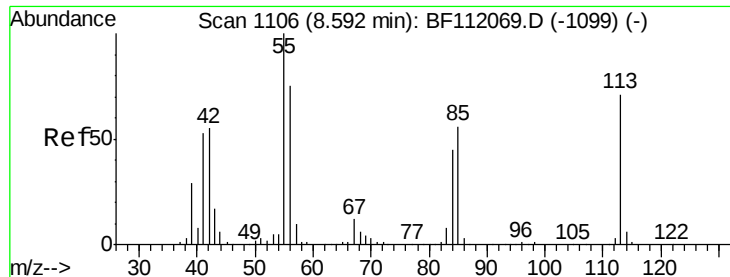
Tot Ion:	127	Resp:	841088
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.6	39.8
65	29.0	21.4	32.2
92	18.8	14.2	21.2



#34
Hexachlorobutadiene
Concen: 42.046 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Tgt Ion:	225	Resp:	397128
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.3	75.5
227	62.9	51.8	77.8

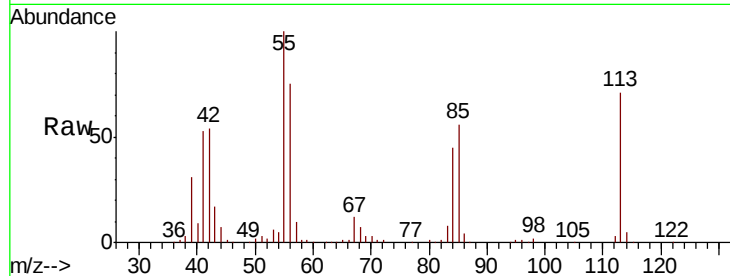




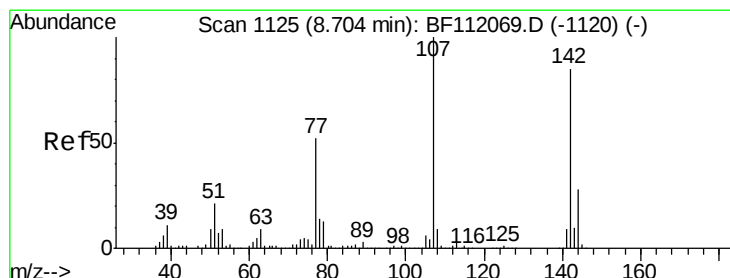
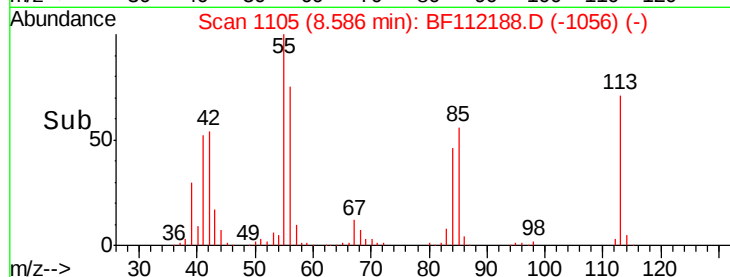
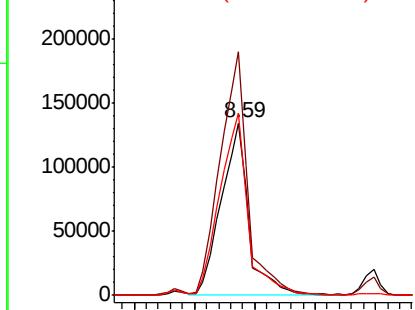
#35
Caprolactam
Concen: 40.779 ng
RT: 8.59 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 208733
Ion Ratio Lower Upper
113 100
55 141.2 121.6 161.6
56 105.5 86.7 126.7

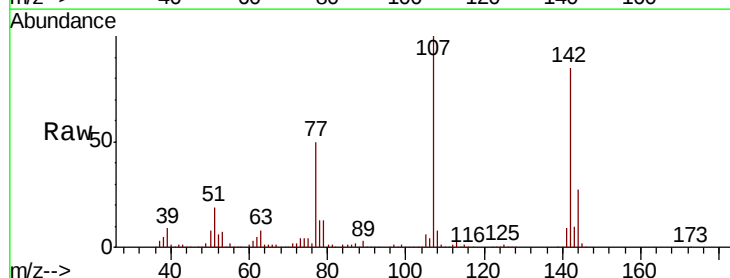


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

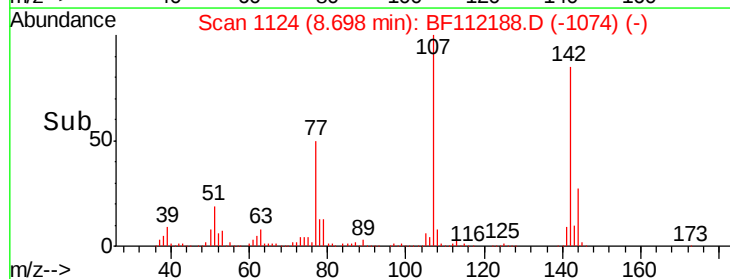
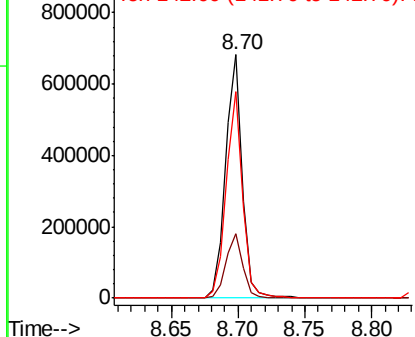


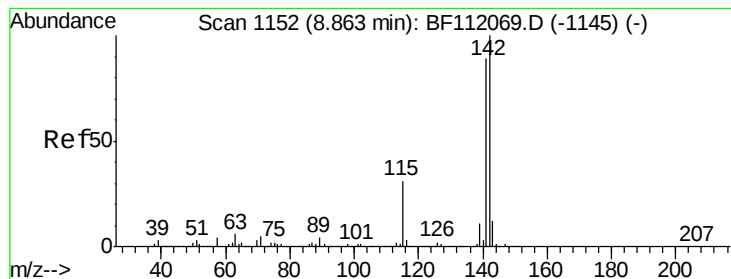
#36
4-Chloro-3-methylphenol
Concen: 42.498 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Tgt Ion:107 Resp: 607049
Ion Ratio Lower Upper
107 100
144 26.7 22.2 33.2
142 84.7 67.7 101.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

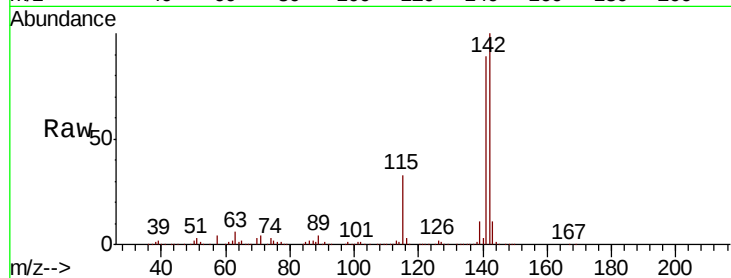




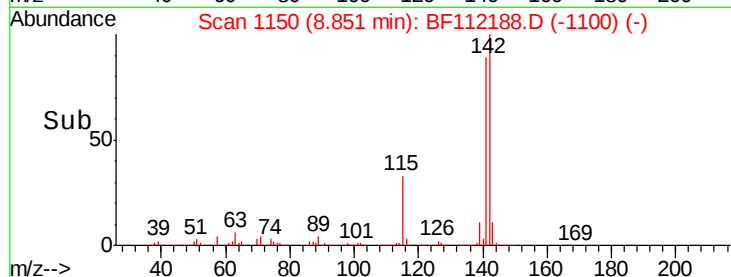
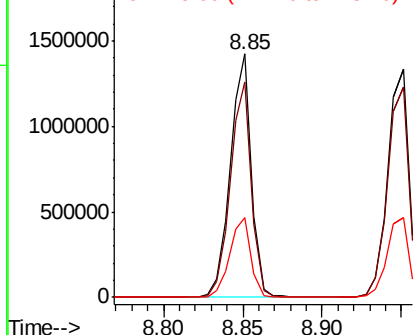
#37
2-Methylnaphthalene
Concen: 40.931 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1304176
Ion Ratio Lower Upper
142 100
141 88.6 70.9 106.3
115 33.0 24.9 37.3

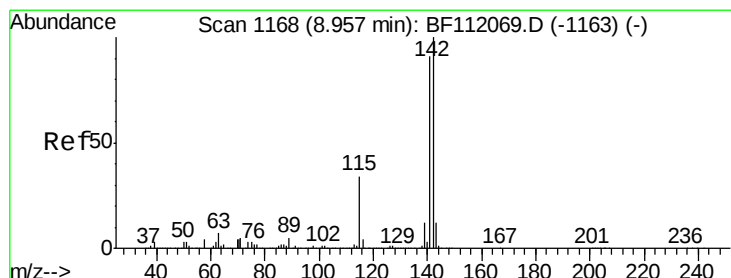


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

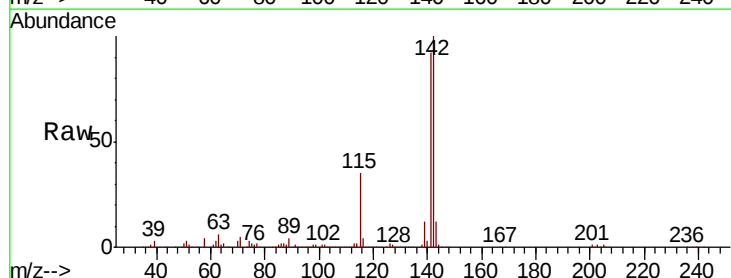
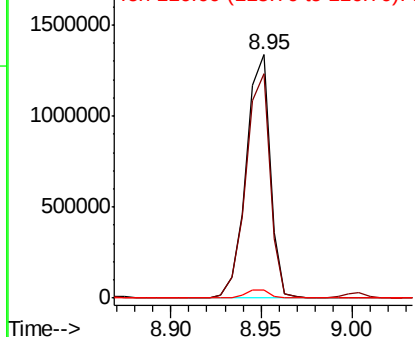


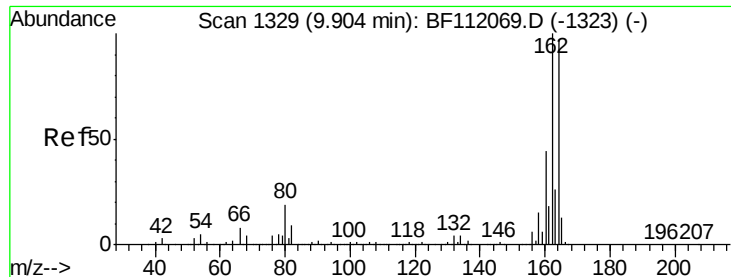
#38
1-Methylnaphthalene
Concen: 40.288 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Tgt Ion:142 Resp: 1233672
Ion Ratio Lower Upper
142 100
141 92.0 72.6 108.8
116 3.6 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

Instrument :

BNA_F

ClientSampleId :

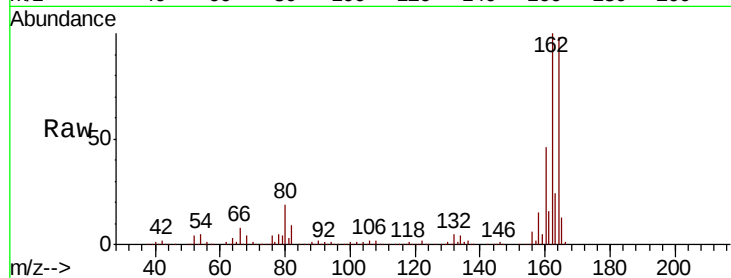
Tot Ion:164 Resp: 519633

Ion Ratio Lower Upper

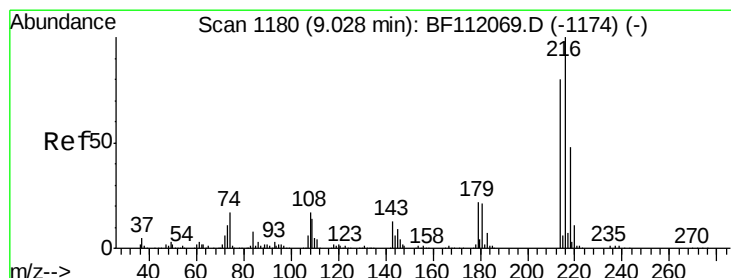
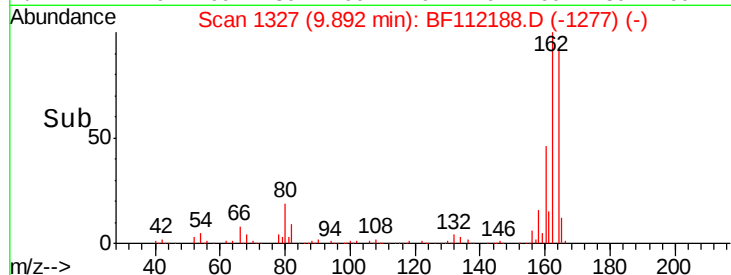
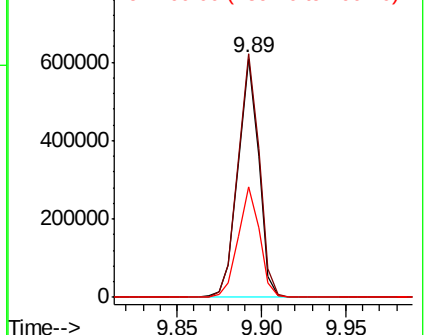
164 100

162 102.0 82.2 123.4

160 46.4 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.108 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

Tgt Ion:216 Resp: 669253

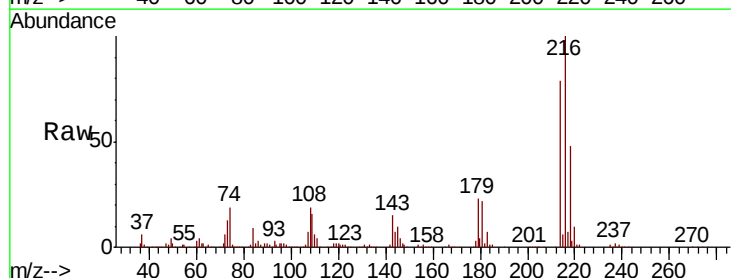
Ion Ratio Lower Upper

216 100

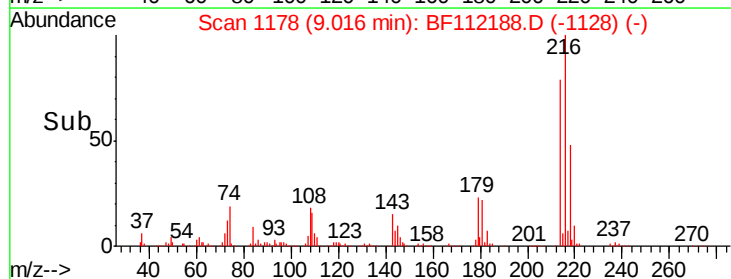
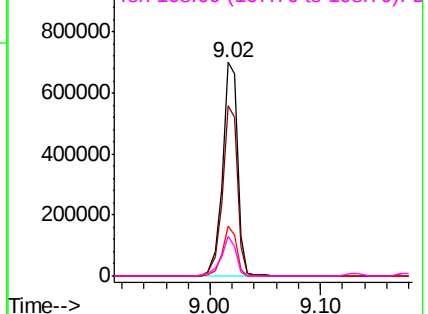
214 79.2 63.8 95.6

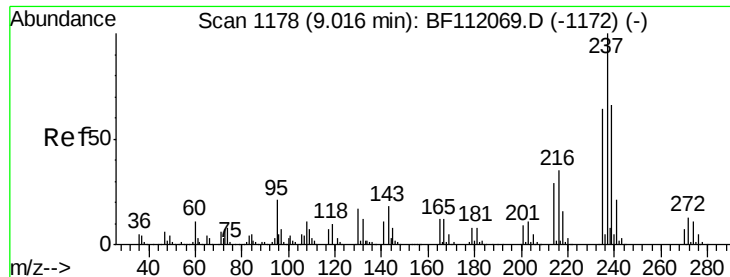
179 21.8 16.9 25.3

108 18.1 14.2 21.4



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 35.214 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

Instrument :

BNA_F

ClientSampleId :

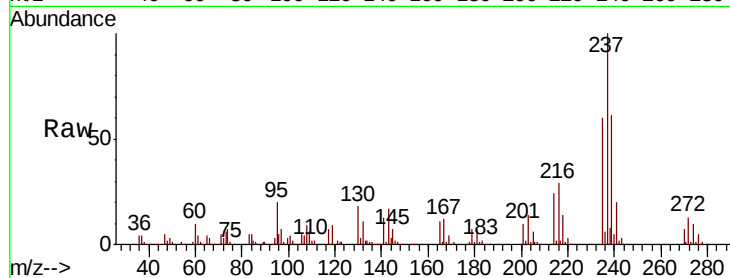
Tot Ion:237 Resp: 202241

Ion Ratio Lower Upper

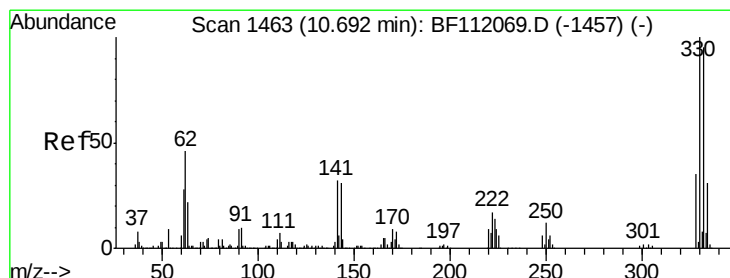
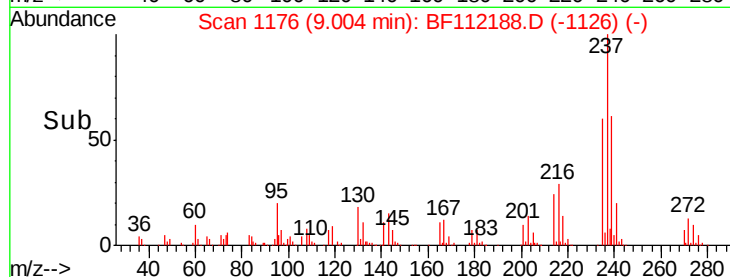
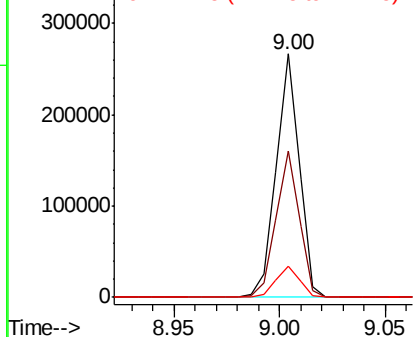
237 100

235 60.1 44.0 84.0

272 12.9 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 90.826 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

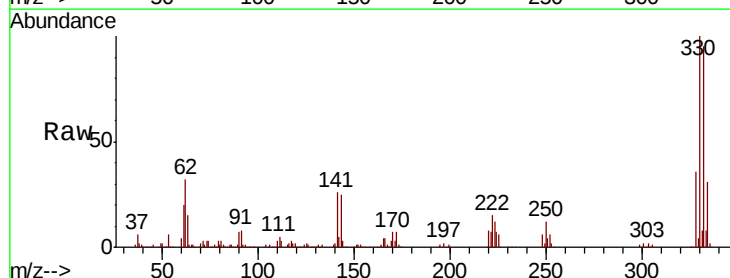
Tgt Ion:330 Resp: 509144

Ion Ratio Lower Upper

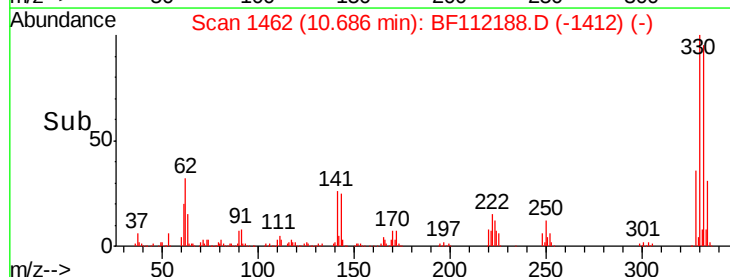
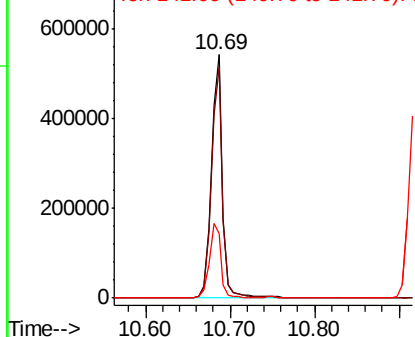
330 100

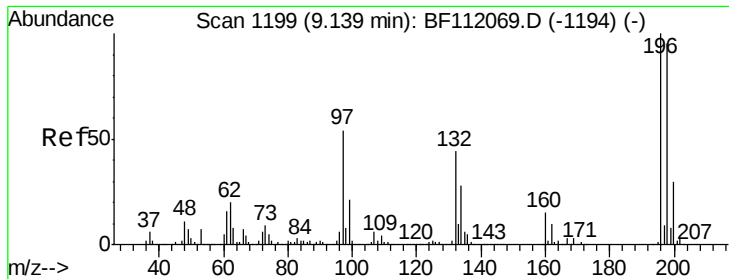
332 93.7 76.6 114.8

141 31.3 24.3 36.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

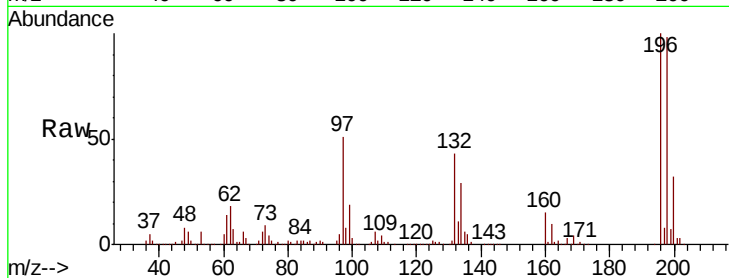




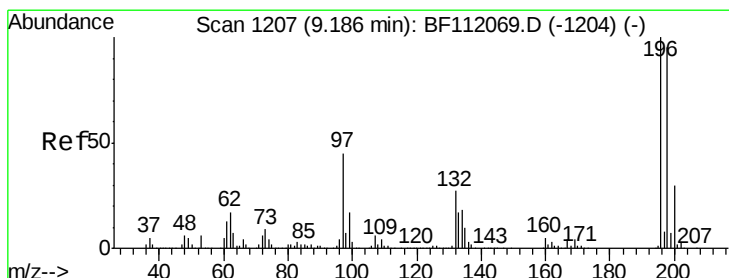
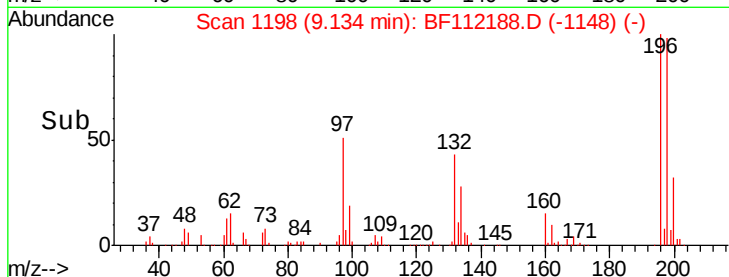
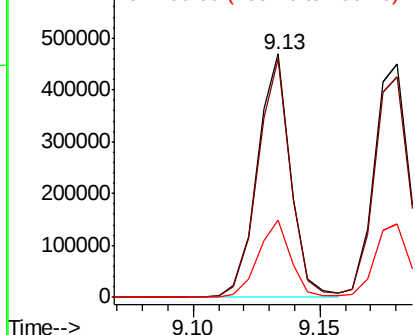
#43
 2,4,6-Trichlorophenol
 Concen: 43.150 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF112188.D
 Acq: 22 Jan 2019 12:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 430725
 Ion Ratio Lower Upper
 196 100
 198 98.1 76.2 114.4
 200 31.6 24.3 36.5

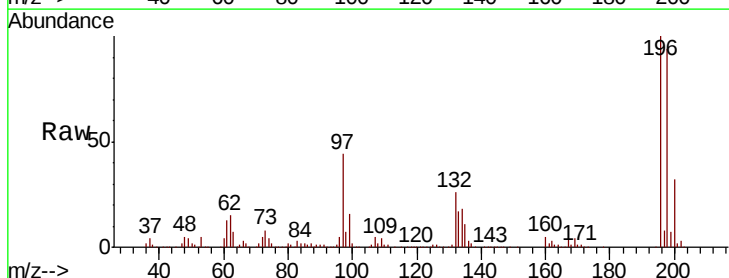


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

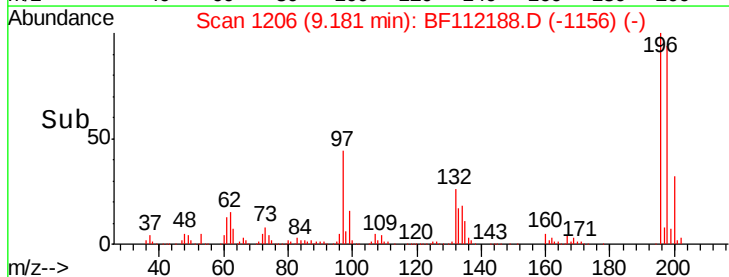
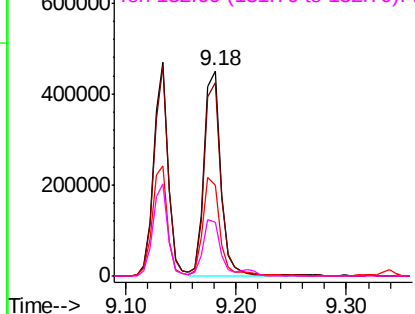


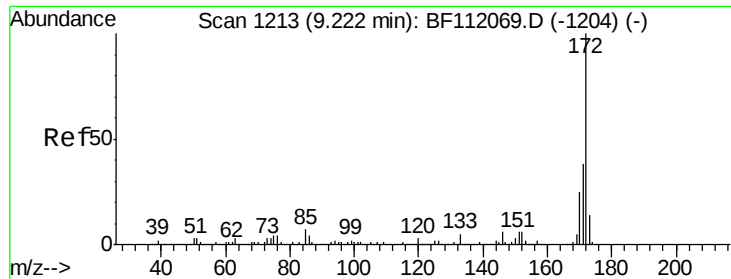
#44
 2,4,5-Trichlorophenol
 Concen: 42.817 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF112188.D
 Acq: 22 Jan 2019 12:48

Tgt Ion:196 Resp: 455200
 Ion Ratio Lower Upper
 196 100
 198 94.4 76.0 114.0
 97 44.2 36.4 54.6
 132 26.2 21.5 32.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

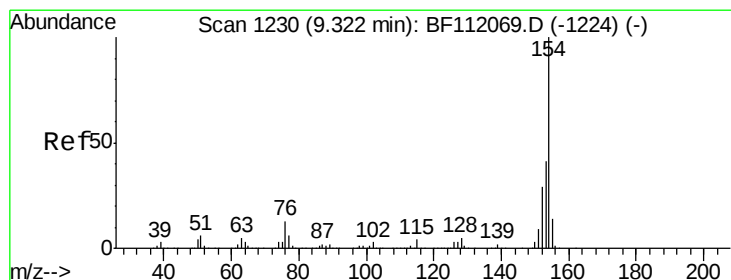
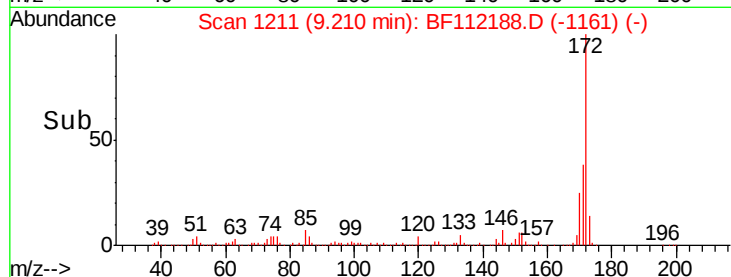
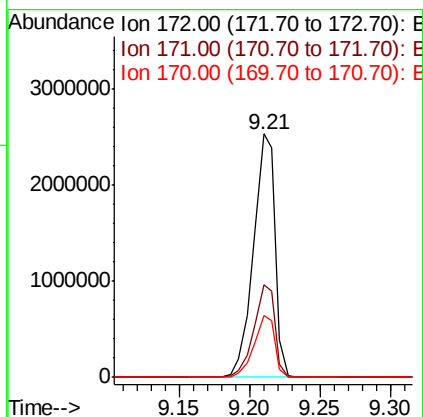
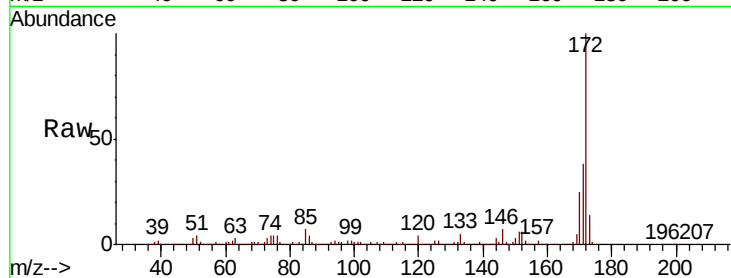




#45
2-Fluorobiphenyl
Concen: 77.289 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

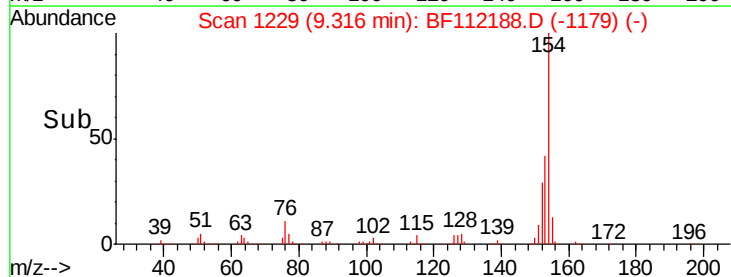
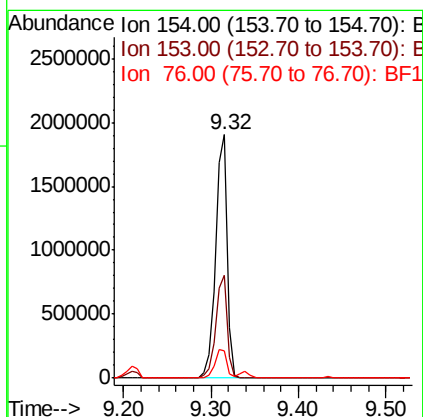
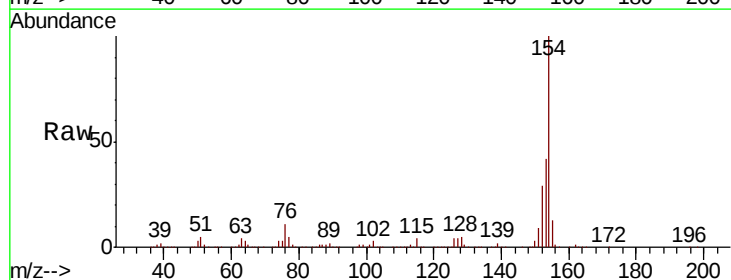
Instrument :
BNA_F
ClientSampleId :

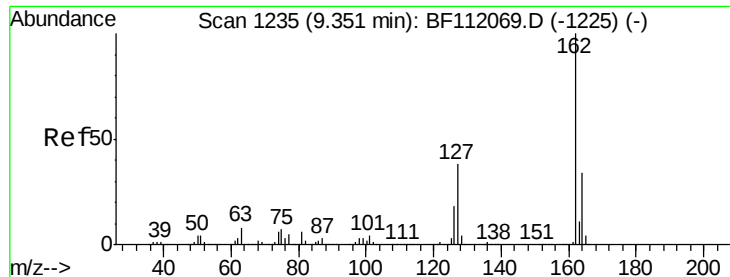
Tot Ion:172 Resp: 2739352
Ion Ratio Lower Upper
172 100
171 37.8 30.5 45.7
170 25.3 20.2 30.4



#46
1,1'-Biphenyl
Concen: 40.181 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Tgt Ion:154 Resp: 1745876
Ion Ratio Lower Upper
154 100
153 42.0 21.5 61.5
76 11.1 0.0 33.1

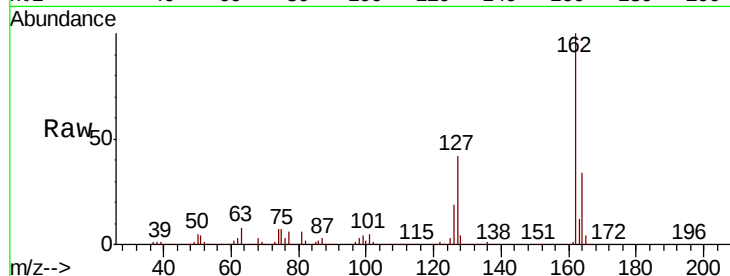




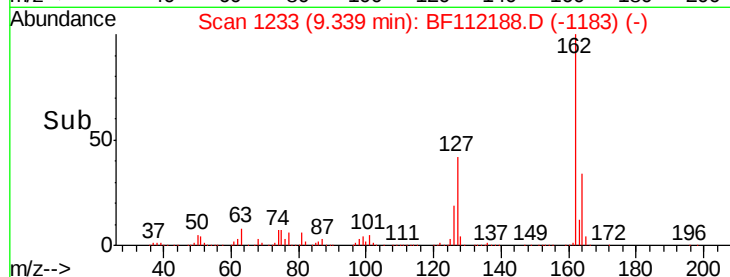
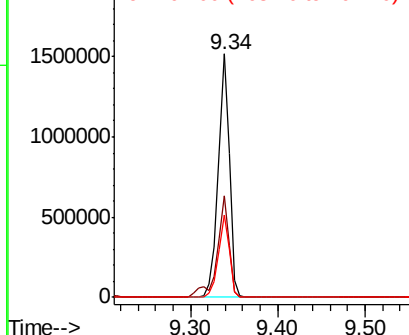
#47
 2-Chloronaphthalene
 Concen: 40.227 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF112188.D
 Acq: 22 Jan 2019 12:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1368177
 Ion Ratio Lower Upper
 162 100
 127 41.6 30.4 45.6
 164 33.8 27.4 41.2

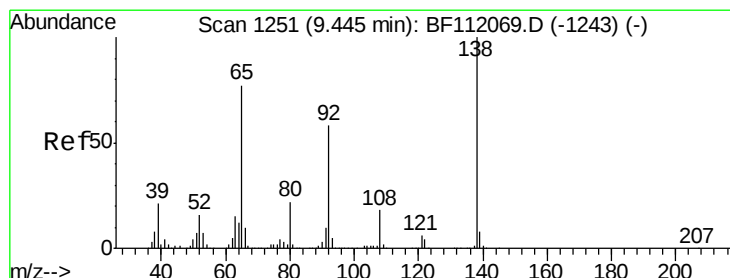


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

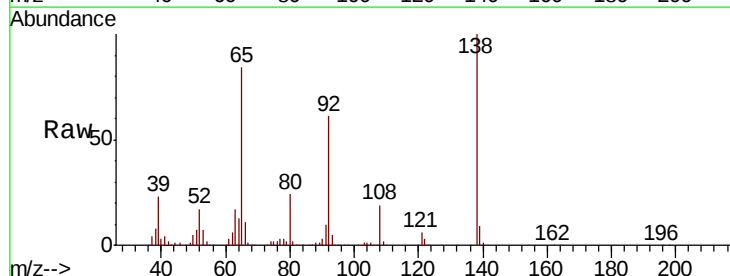
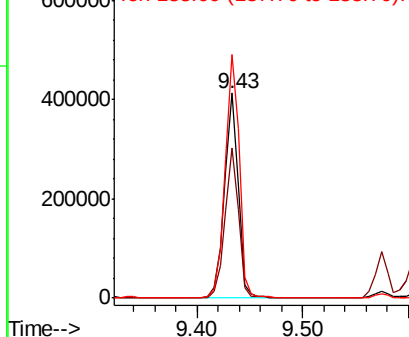


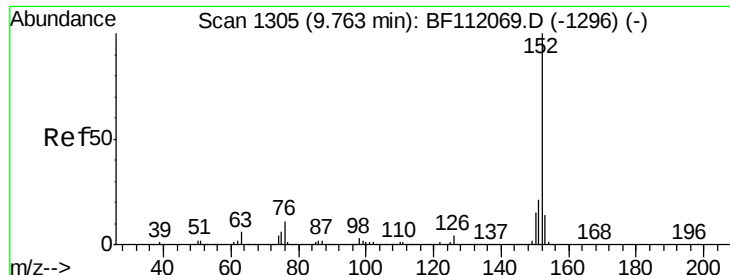
#48
 2-Nitroaniline
 Concen: 49.495 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF112188.D
 Acq: 22 Jan 2019 12:48

Tgt Ion: 65 Resp: 379175
 Ion Ratio Lower Upper
 65 100
 92 73.1 60.4 90.6
 138 118.9 104.4 156.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.293 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

Instrument :

BNA_F

ClientSampleId :

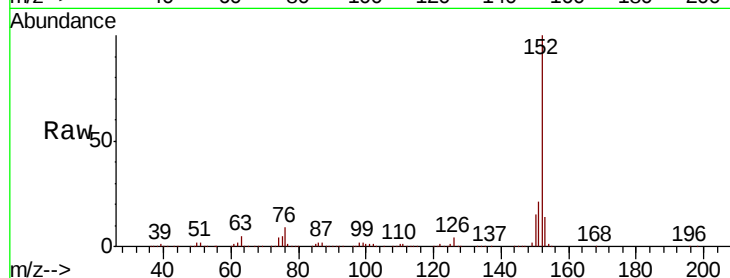
Tot Ion:152 Resp: 1999854

Ion Ratio Lower Upper

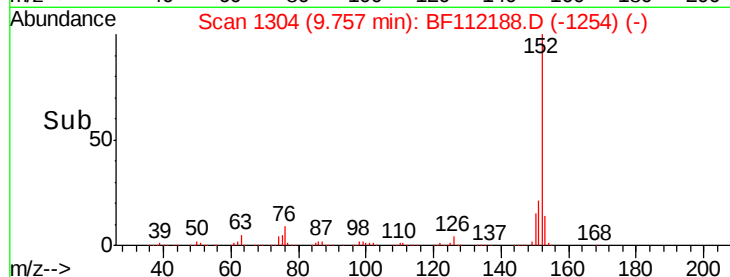
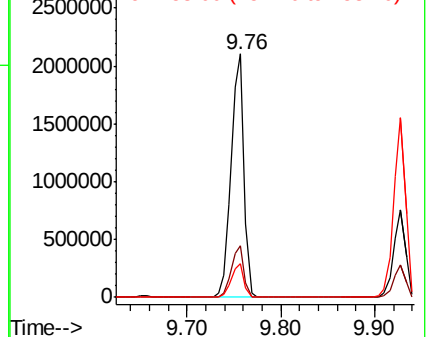
152 100

151 21.2 17.0 25.6

153 13.9 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.764 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

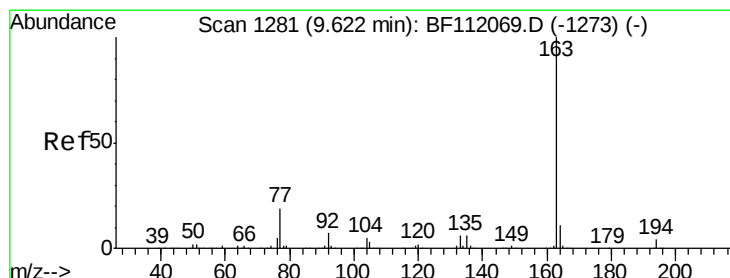
Tgt Ion:163 Resp: 1582696

Ion Ratio Lower Upper

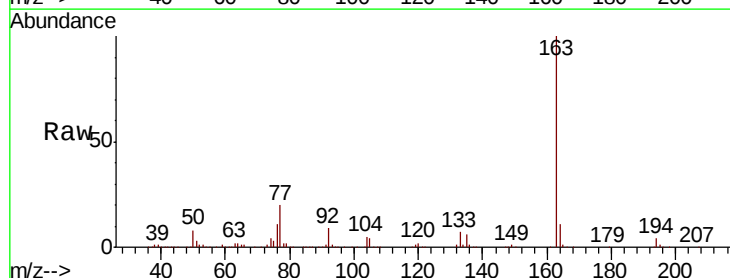
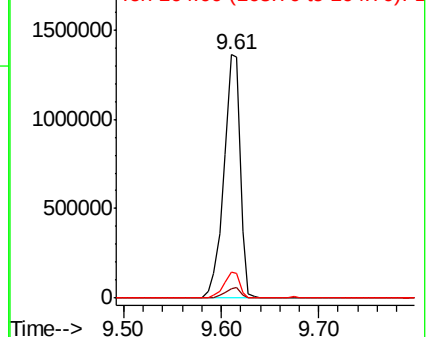
163 100

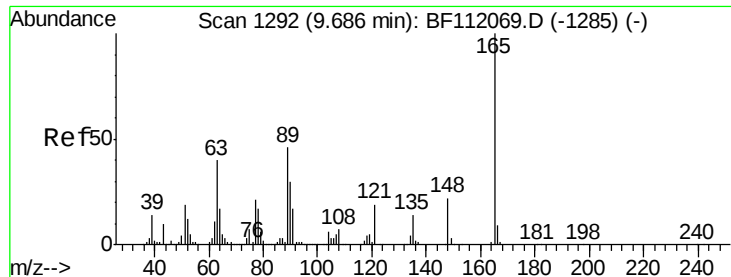
194 4.1 3.3 4.9

164 10.9 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

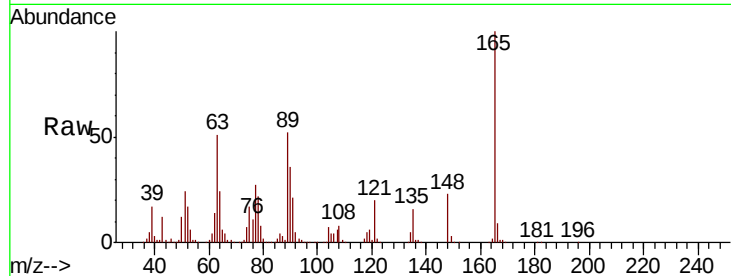




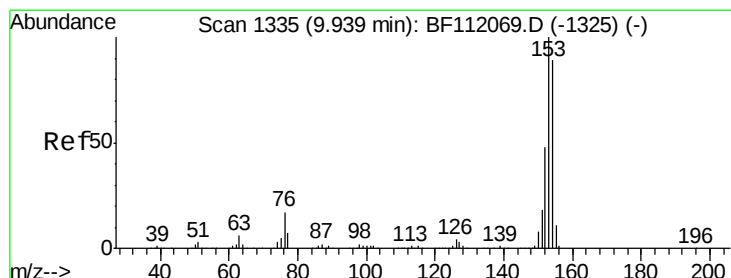
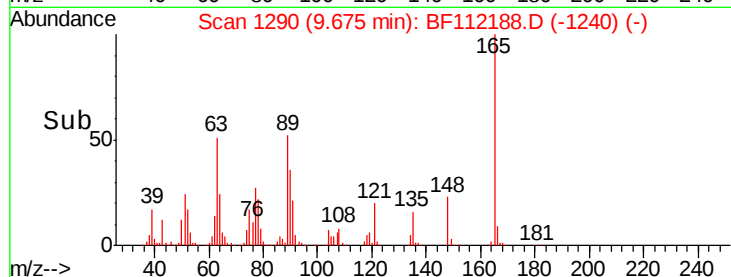
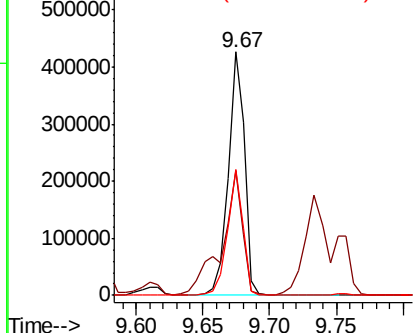
#51
 2,6-Dinitrotoluene
 Concen: 48.728 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF112188.D
 Acq: 22 Jan 2019 12:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 368771
 Ion Ratio Lower Upper
 165 100
 63 51.2 33.8 50.8#
 89 51.5 36.9 55.3

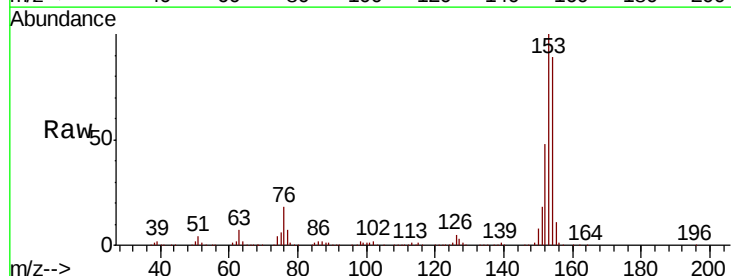


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

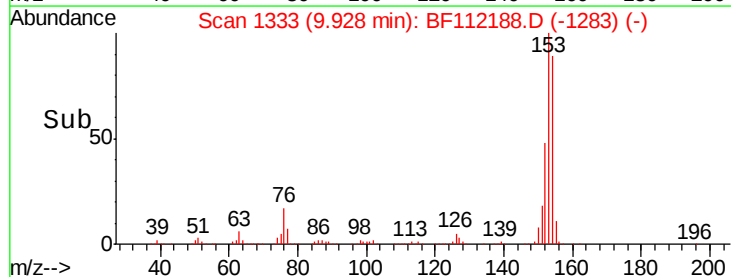
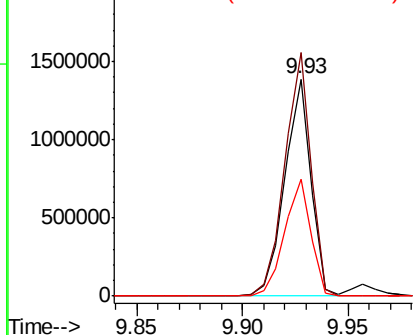


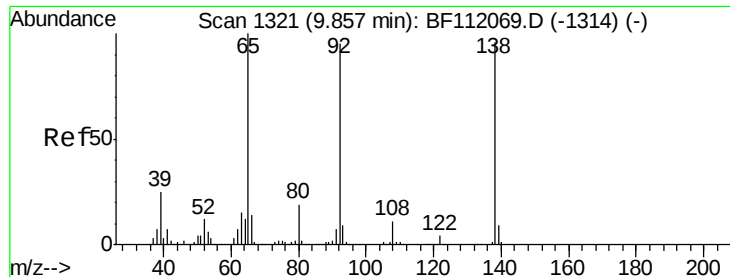
#52
 Acenaphthene
 Concen: 39.588 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF112188.D
 Acq: 22 Jan 2019 12:48

Tgt Ion:154 Resp: 1202163
 Ion Ratio Lower Upper
 154 100
 153 112.3 89.8 134.6
 152 54.2 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

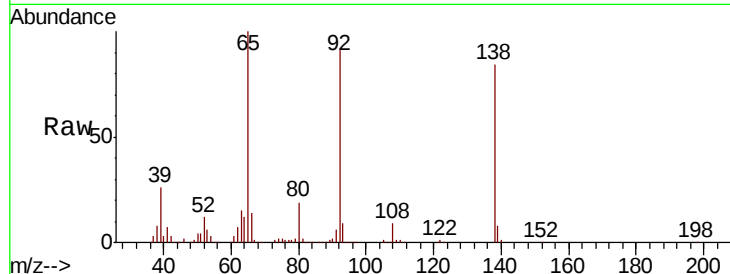




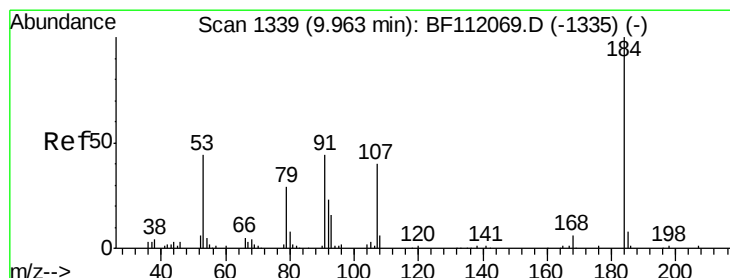
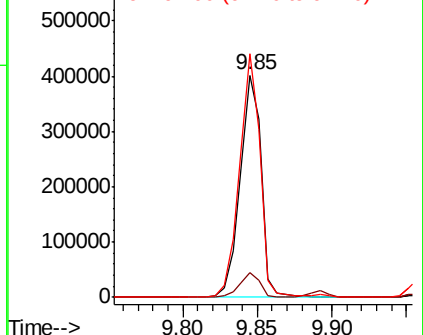
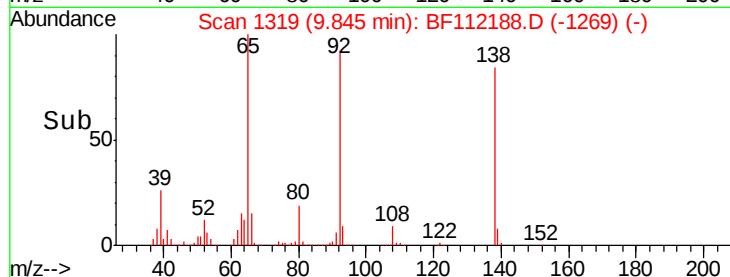
#53
3-Nitroaniline
Concen: 46.598 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 394357
Ion Ratio Lower Upper
138 100
108 10.9 9.8 14.6
92 109.4 79.4 119.2

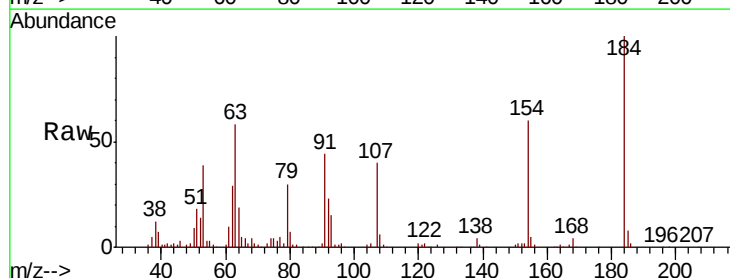


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

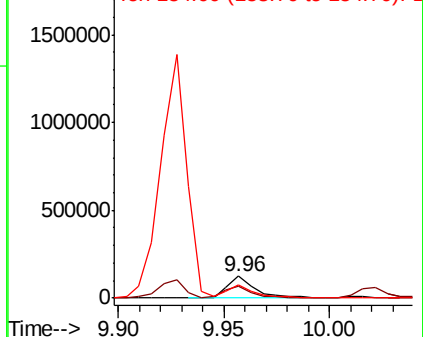
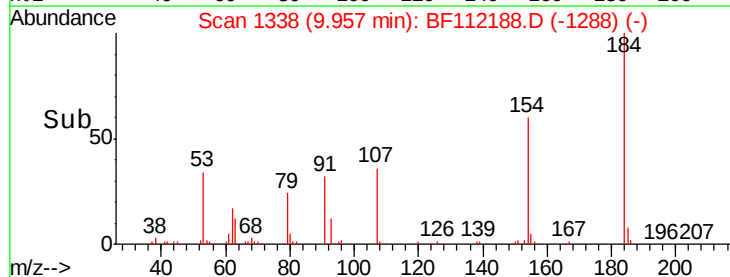


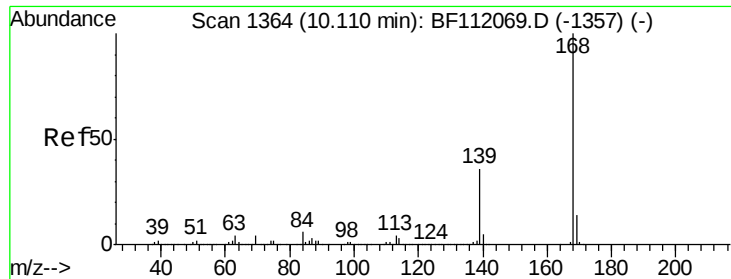
#54
2,4-Dinitrophenol
Concen: 57.188 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Tgt Ion:184 Resp: 115091
Ion Ratio Lower Upper
184 100
63 57.8 47.1 70.7
154 59.7 48.9 73.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

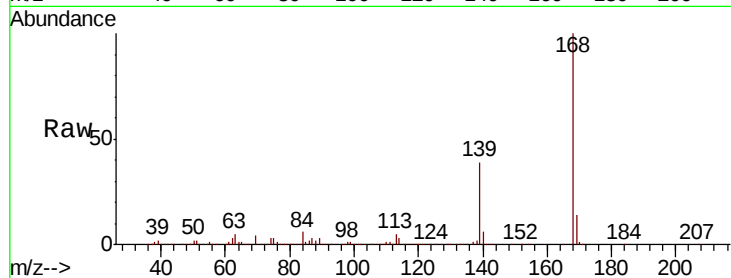




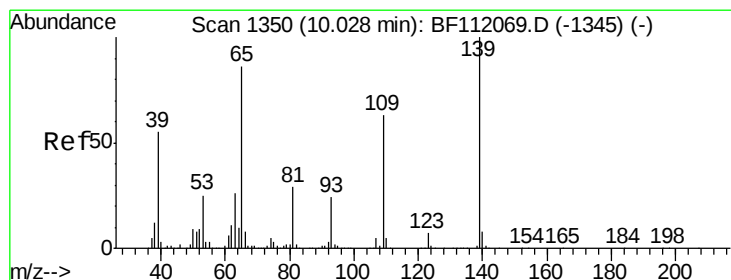
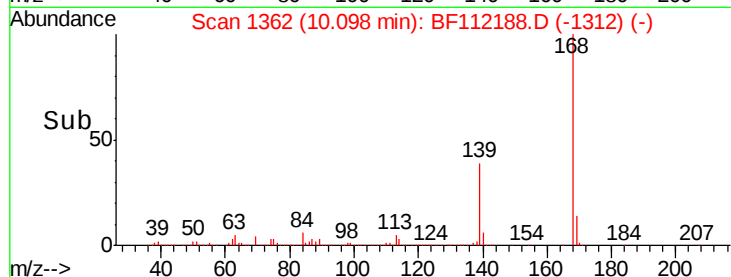
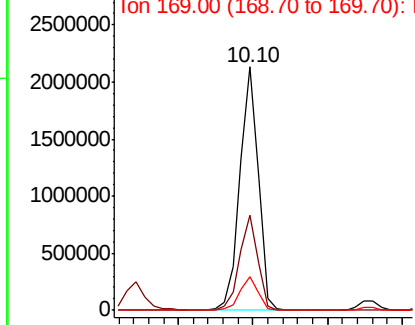
#55
Dibenzofuran
Concen: 40.180 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1845208
Ion Ratio Lower Upper
168 100
139 39.2 29.2 43.8
169 13.9 11.4 17.0

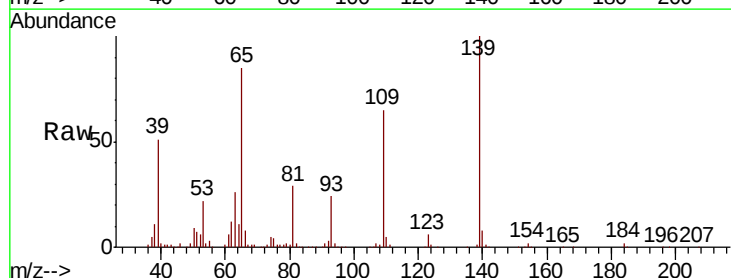


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

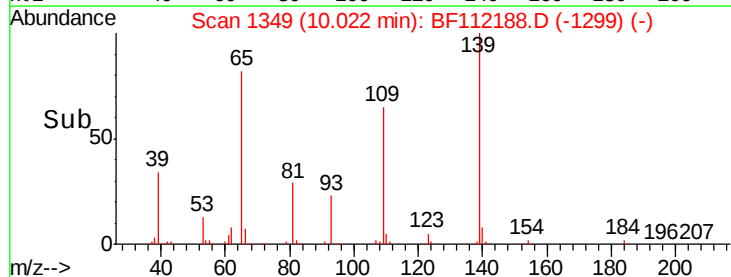
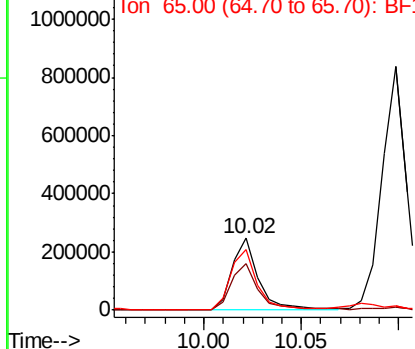


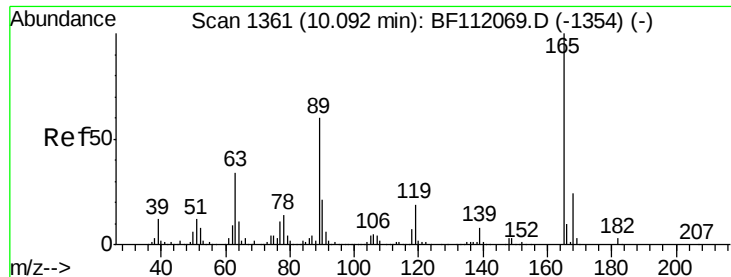
#56
4-Nitrophenol
Concen: 41.881 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Tgt Ion:139 Resp: 235785
Ion Ratio Lower Upper
139 100
109 65.2 42.8 82.8
65 84.5 66.1 106.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

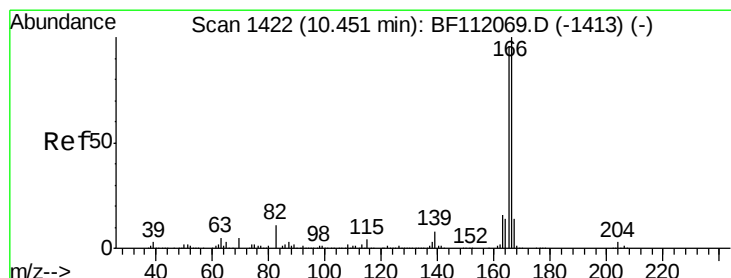
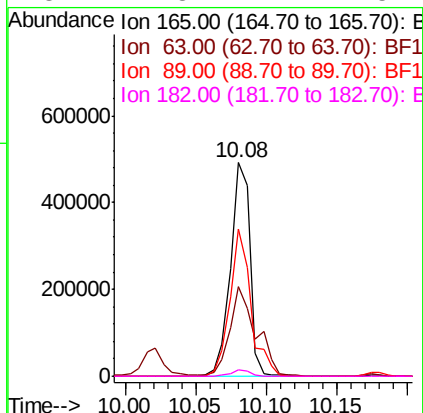
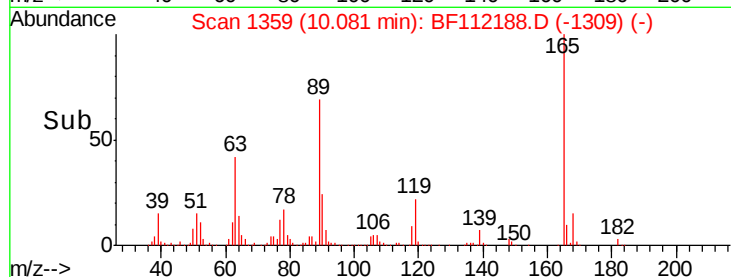
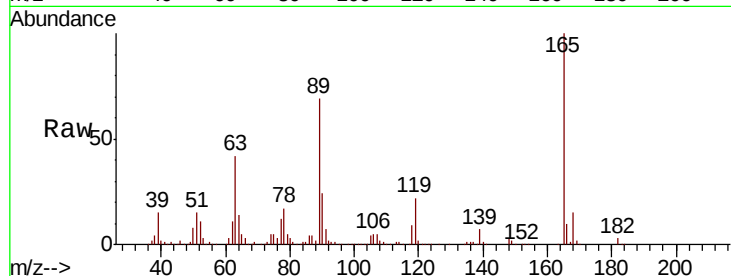




#57
2,4-Dinitrotoluene
Concen: 48.672 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

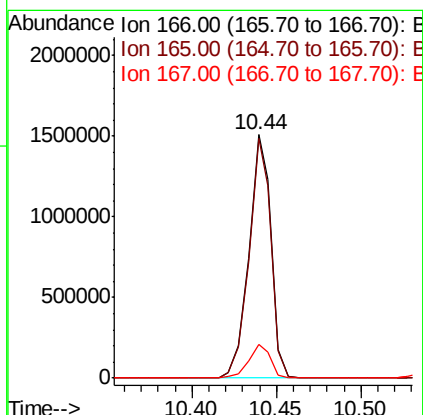
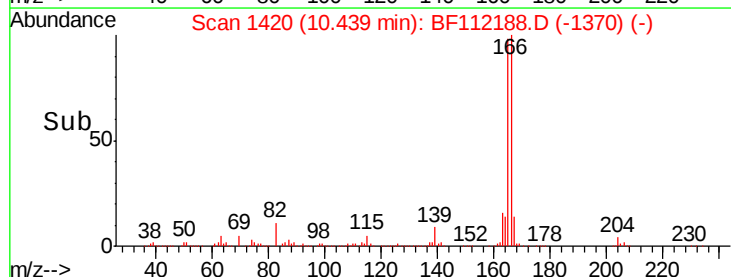
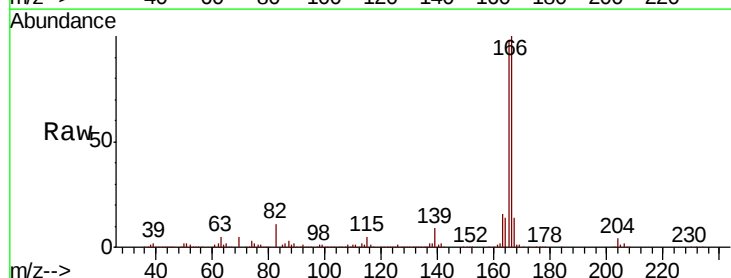
Instrument :
BNA_F
ClientSampleId :

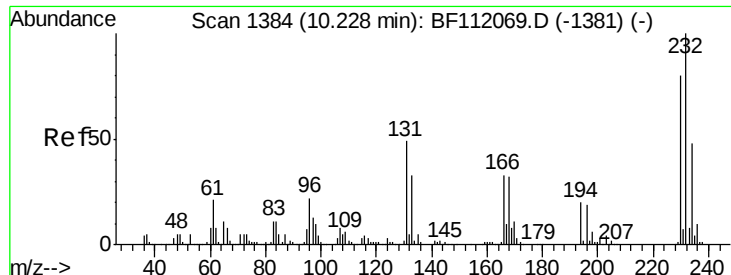
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.1	27.9	41.9#
89	69.0	47.9	71.9
182	2.8	2.2	3.4



#58
Fluorene
Concen: 40.335 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.1	115.7
167	14.0	11.3	16.9

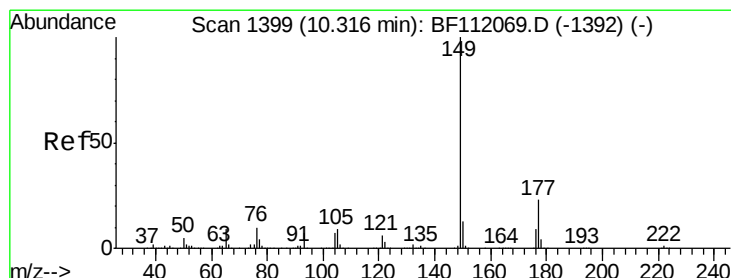
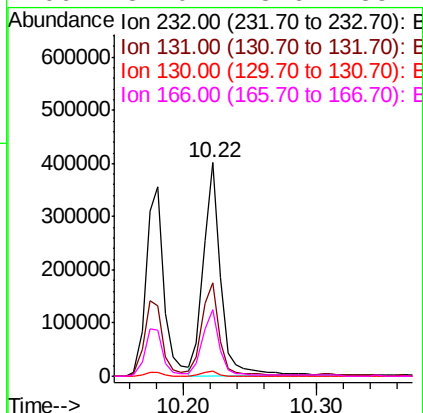
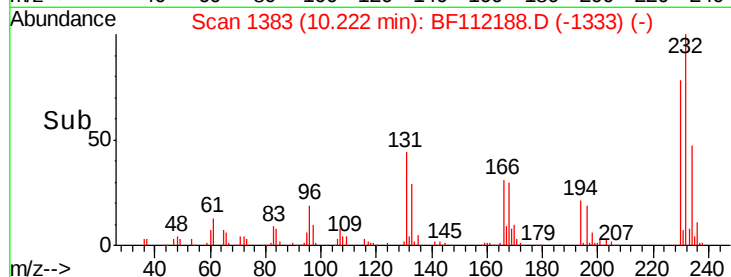
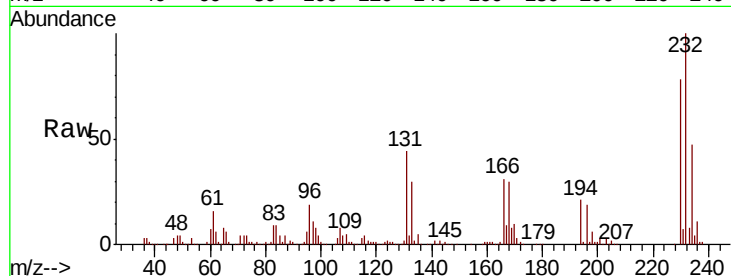




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.413 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BF112188.D
 Acq: 22 Jan 2019 12:48

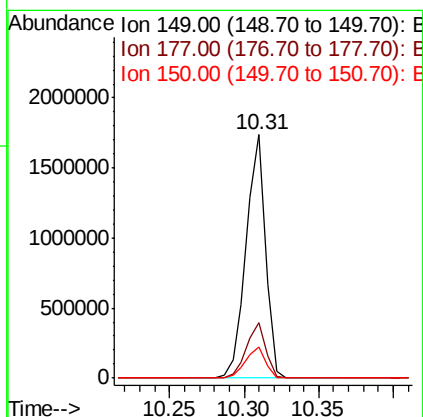
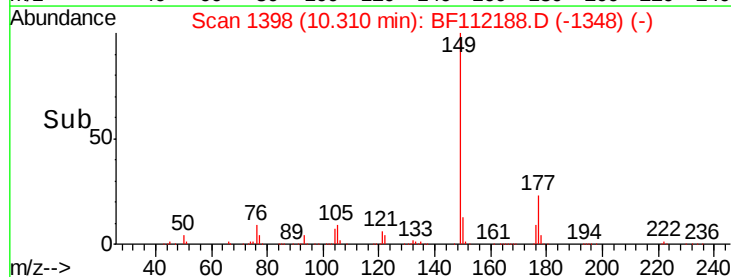
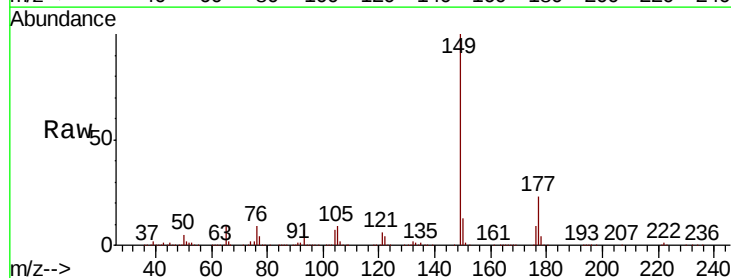
Instrument :
 BNA_F
 ClientSampleId :

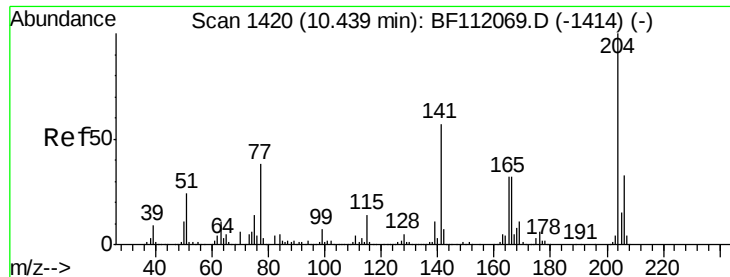
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.1	33.9	50.9
130	2.4	1.8	2.6
166	31.0	23.6	35.4



#60
 Diethylphthalate
 Concen: 42.433 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF112188.D
 Acq: 22 Jan 2019 12:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.2	27.2
150	12.7	10.4	15.6

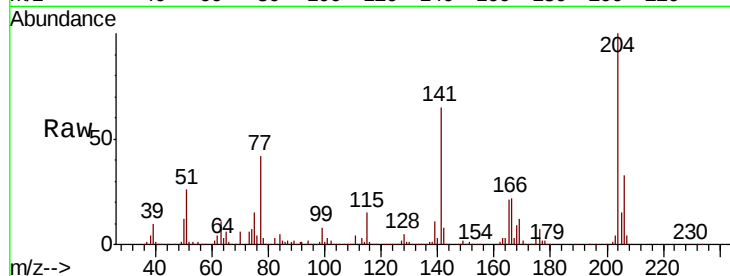




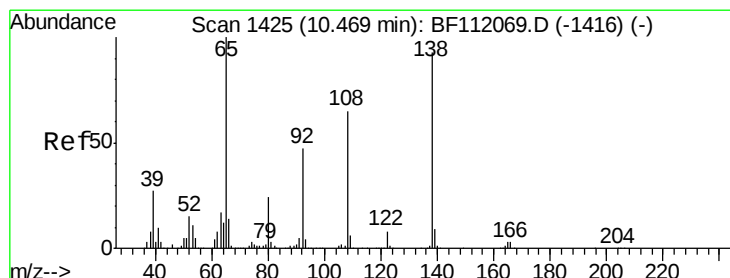
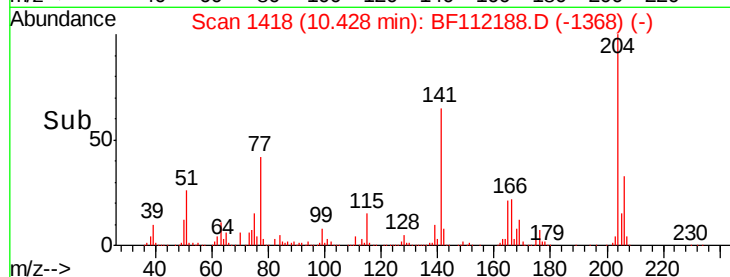
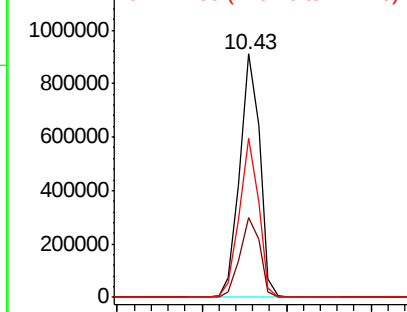
#61
4-Chlorophenyl-phenylether
Concen: 40.641 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 752476
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 65.3 45.9 68.9

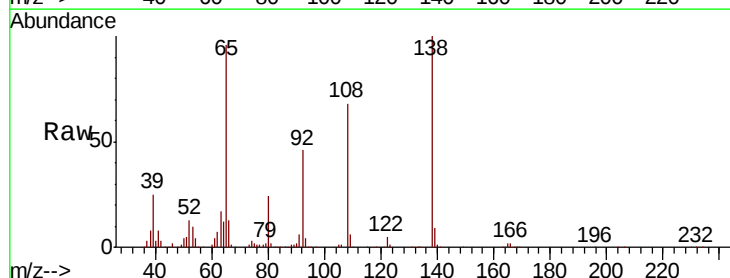


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

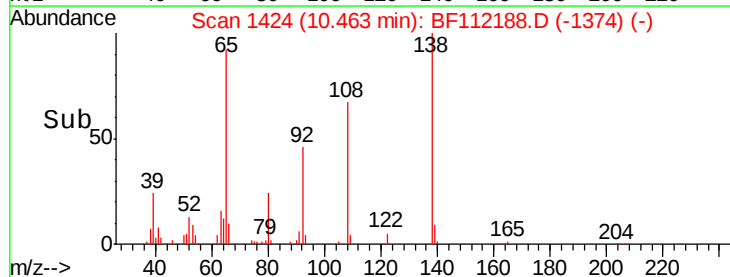
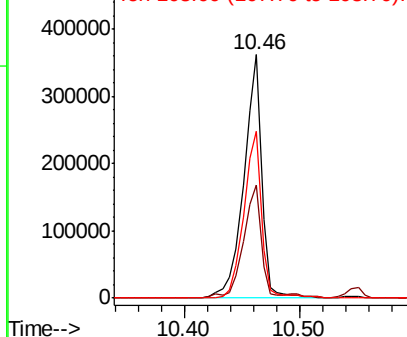


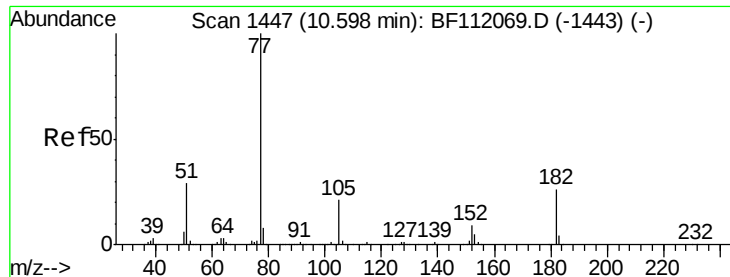
#62
4-Nitroaniline
Concen: 46.400 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Tgt Ion:138 Resp: 389923
Ion Ratio Lower Upper
138 100
92 46.4 30.6 70.6
108 68.4 50.0 90.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.767 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1408719

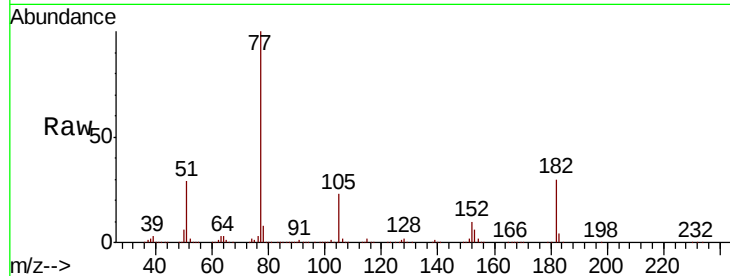
Ion Ratio Lower Upper

77 100

182 30.0 5.7 45.7

105 22.8 1.4 41.4

51 28.6 9.5 49.5

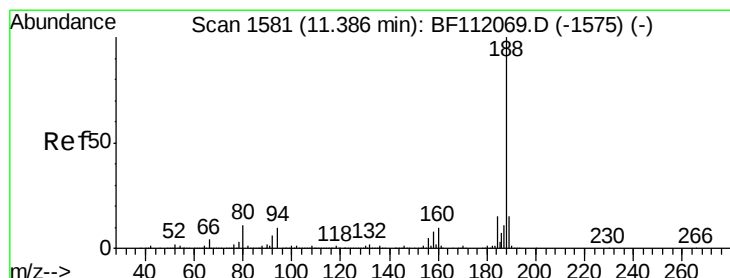
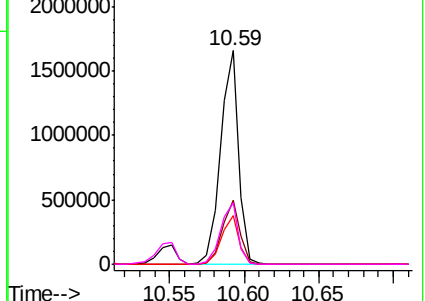
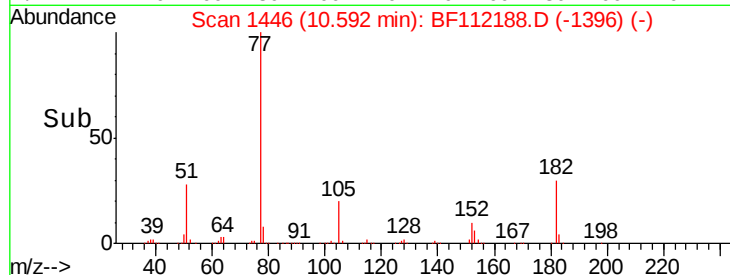


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

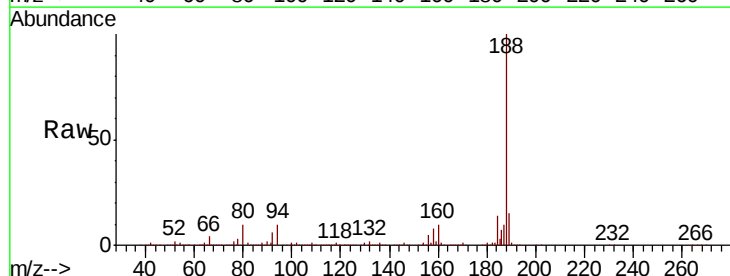
Tgt Ion: 188 Resp: 1020803

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.2

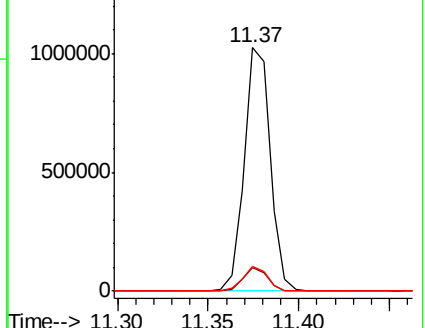
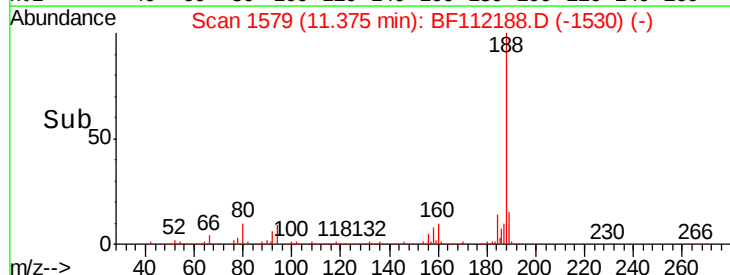
80 10.3 8.9 13.3

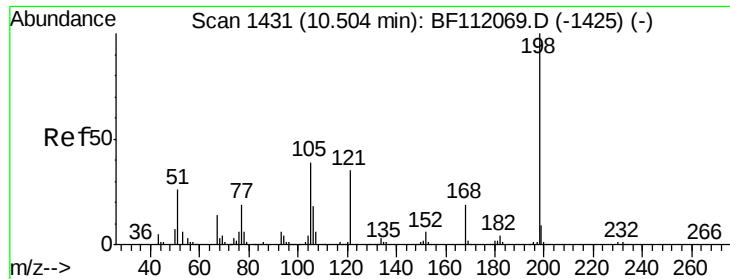


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 49.686 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

Instrument :

BNA_F

ClientSampleId :

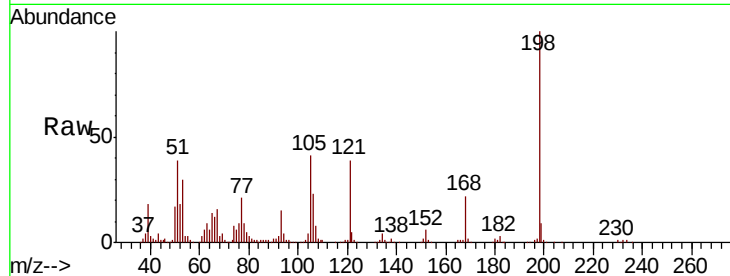
Tot Ion:198 Resp: 213443

Ion Ratio Lower Upper

198 100

51 39.2 17.2 57.2

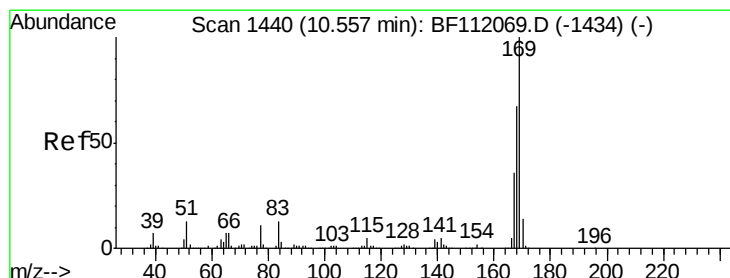
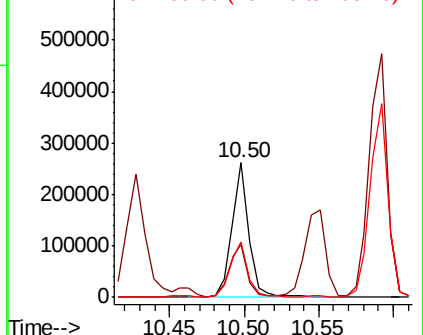
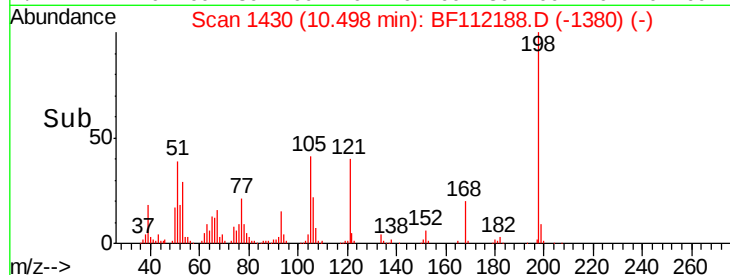
105 40.9 21.9 61.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.675 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

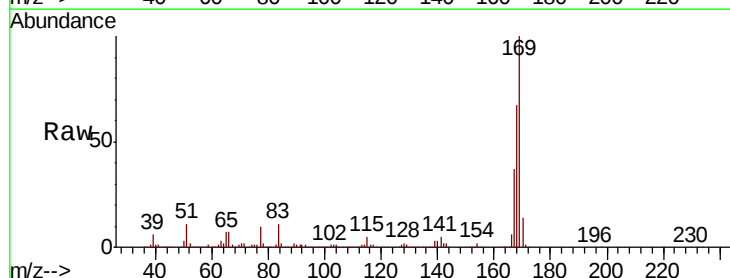
Tgt Ion:169 Resp: 1338911

Ion Ratio Lower Upper

169 100

168 67.1 53.9 80.9

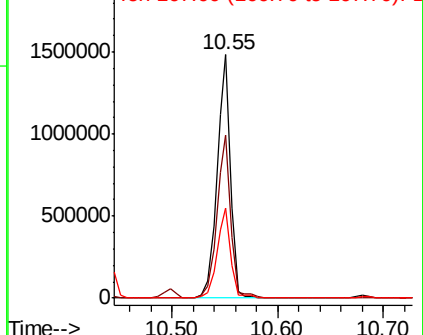
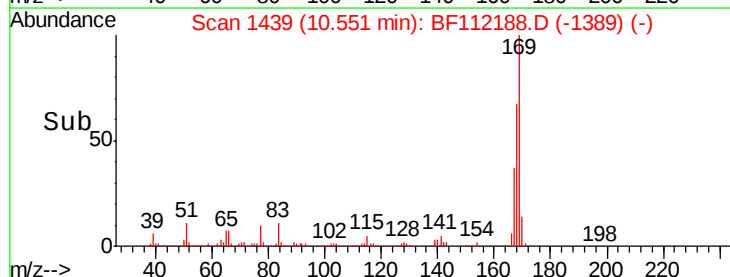
167 36.9 28.9 43.3

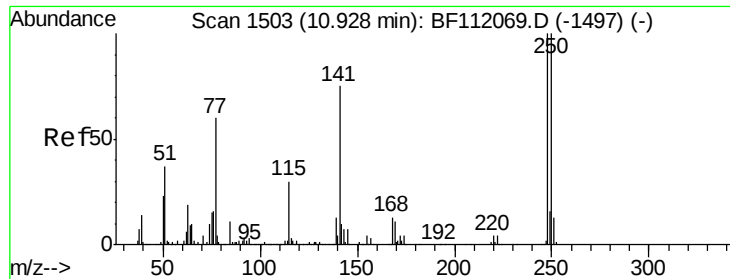


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

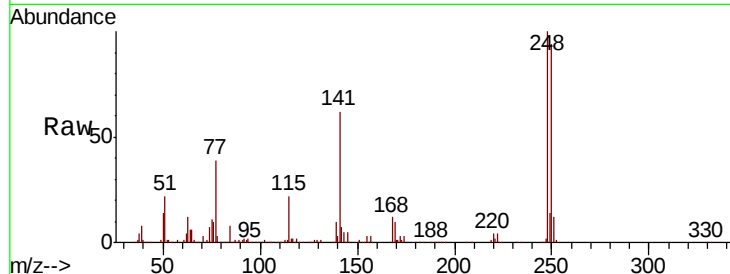




#67
4-Bromophenyl-phenylether
Concen: 41.152 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.7	79.7	119.5
141	61.7	60.3	90.5

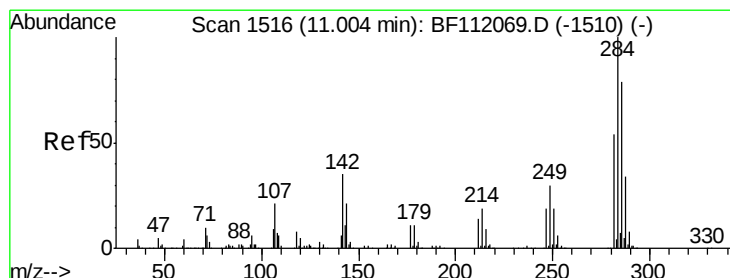
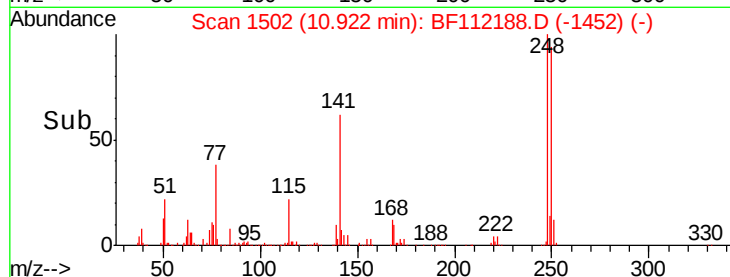
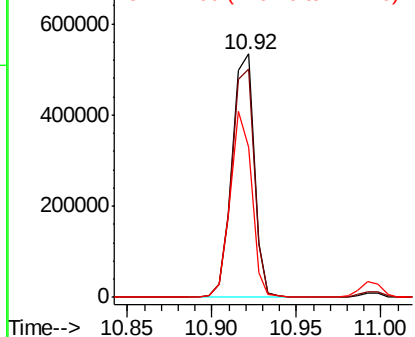


Abundance

Ion 248.00 (247.70 to 248.70): E

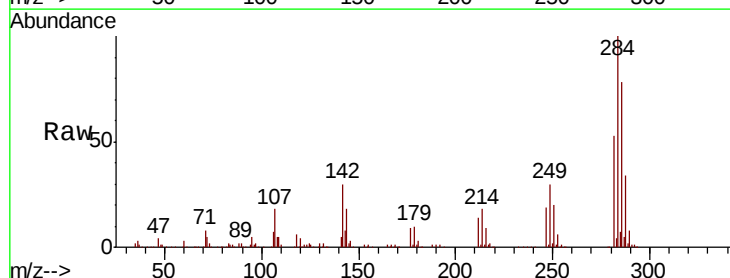
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.284 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.9	27.6	41.4
249	29.9	24.1	36.1

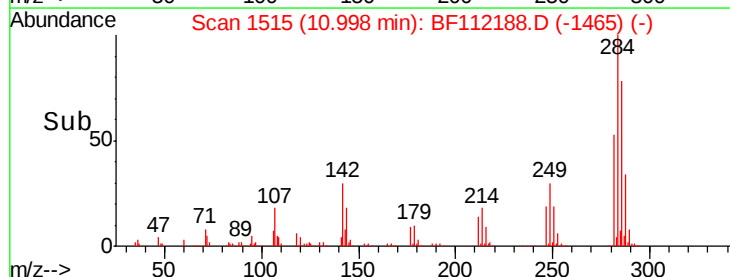
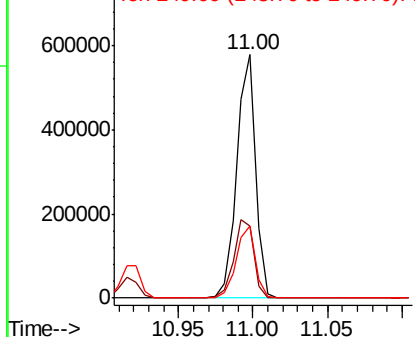


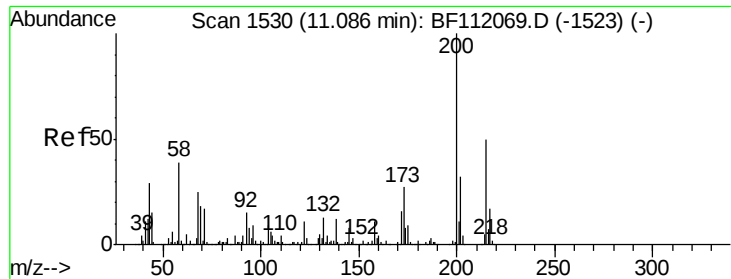
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

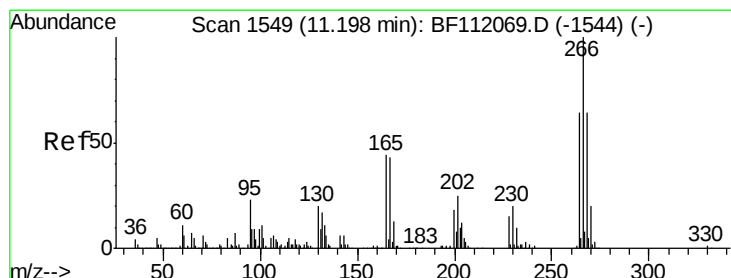
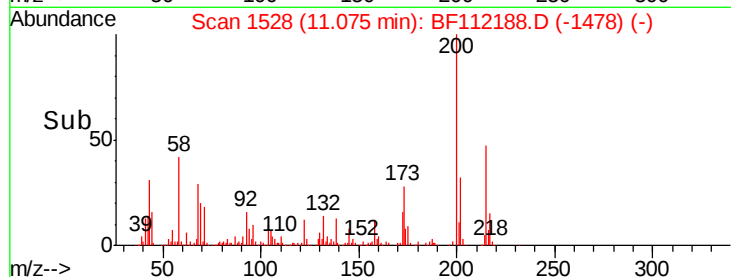
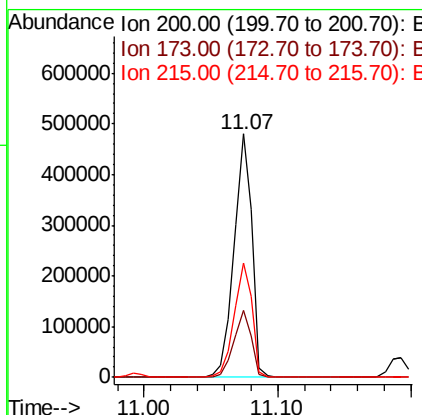
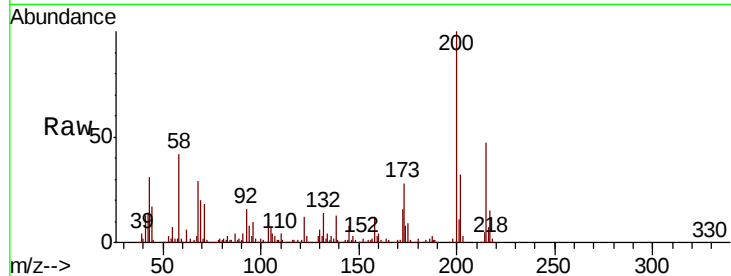




#69
Atrazine
Concen: 41.611 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

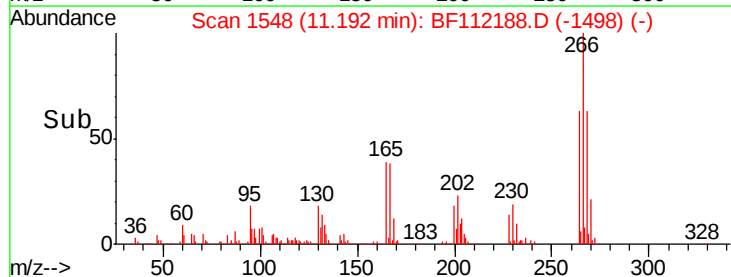
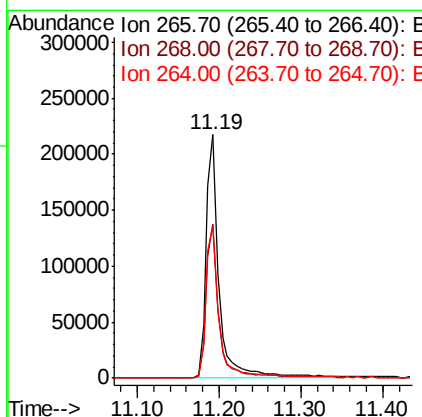
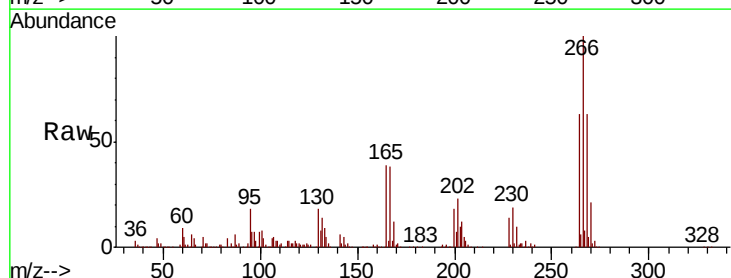
Instrument :
BNA_F
ClientSampleId :

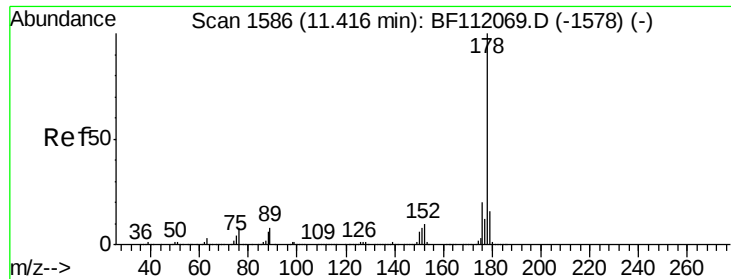
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	7.1	47.1
215	46.8	30.4	70.4



#70
Pentachlorophenol
Concen: 42.678 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.2	76.8
264	62.9	50.9	76.3





#71

Phenanthrene

Concen: 39.538 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

Instrument :

BNA_F

ClientSampleId :

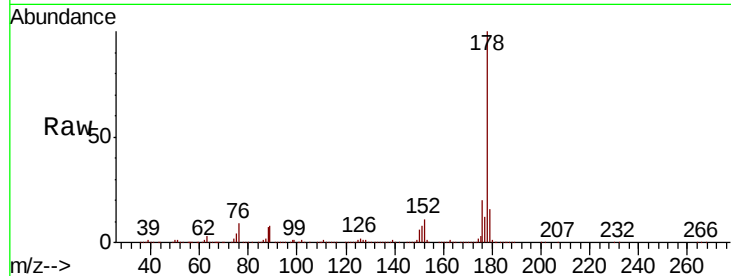
Tot Ion:178 Resp: 2031187

Ion Ratio Lower Upper

178 100

176 20.3 16.3 24.5

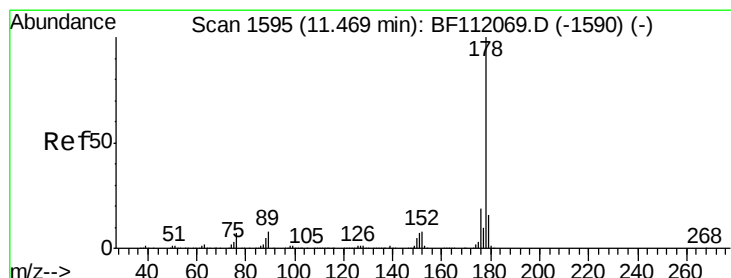
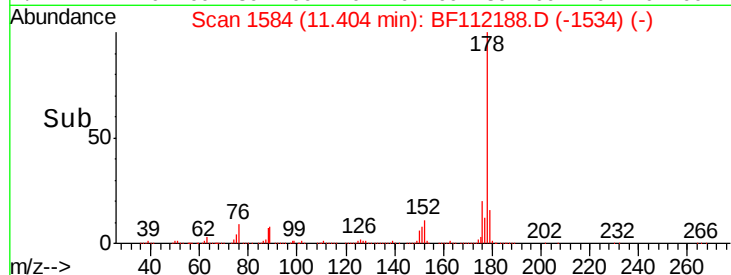
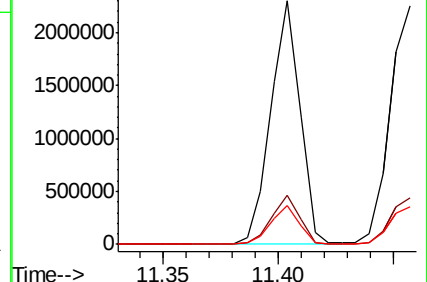
179 15.8 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.499 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

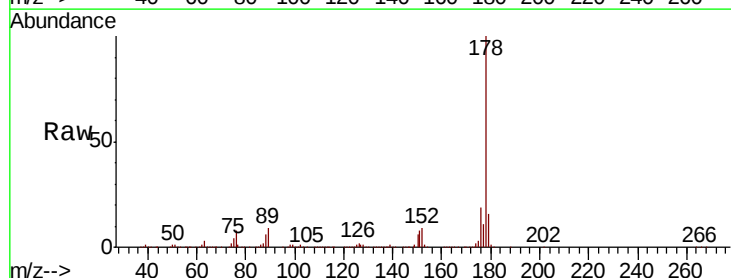
Tgt Ion:178 Resp: 2055574

Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

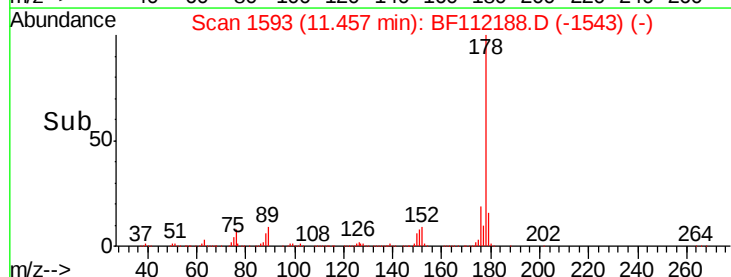
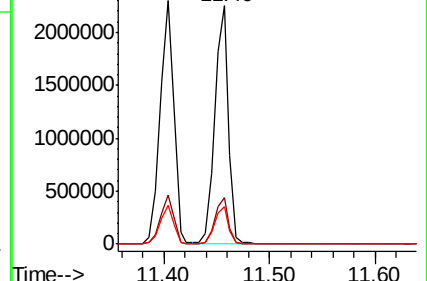
179 16.0 12.8 19.2

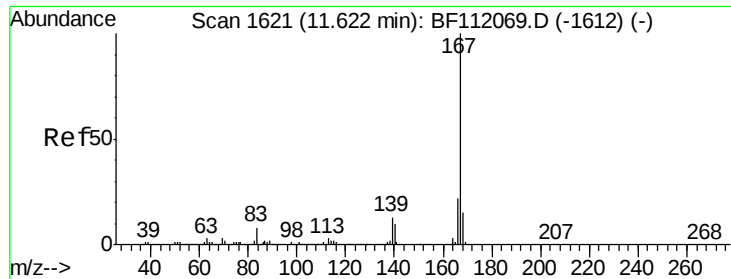


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

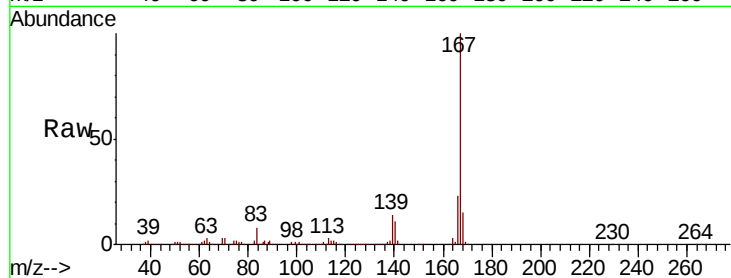




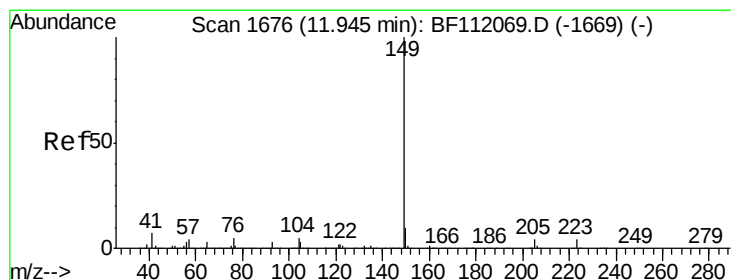
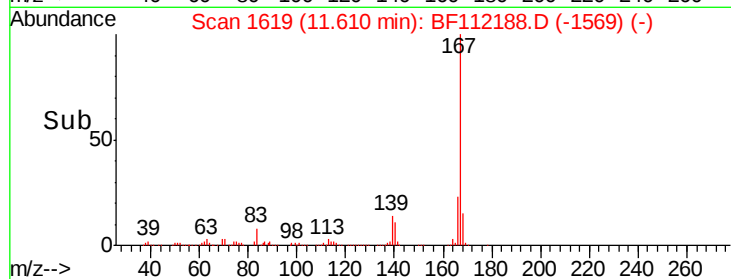
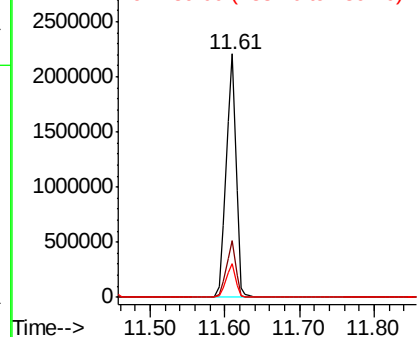
#73
 Carbazole
 Concen: 38.649 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF112188.D
 Acq: 22 Jan 2019 12:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 2014842
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.9 26.9
 139 14.1 10.2 15.2

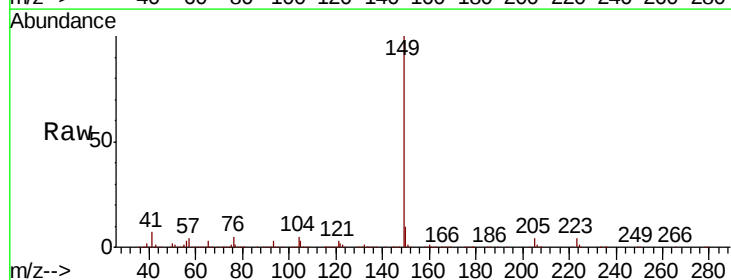


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

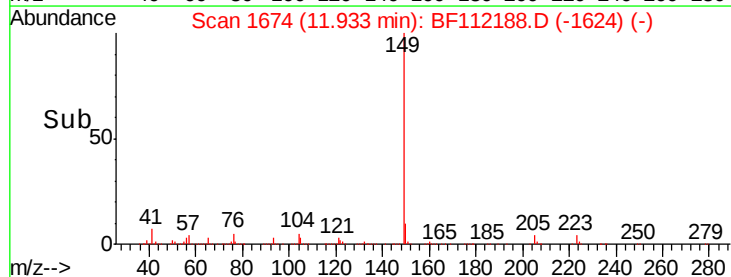
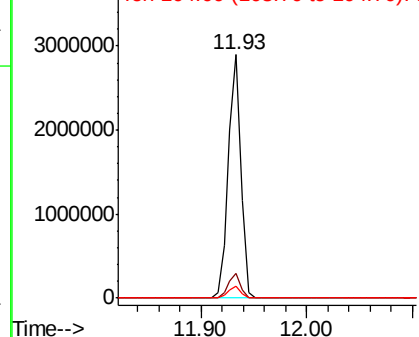


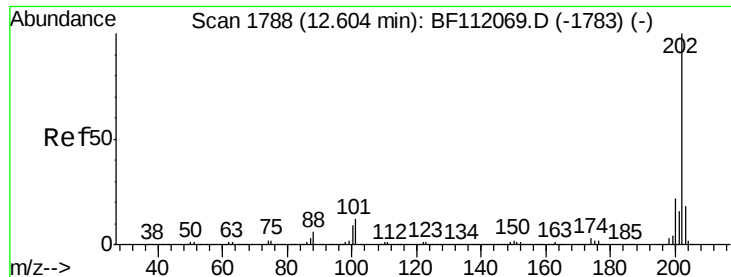
#74
 Di-n-butylphthalate
 Concen: 41.269 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF112188.D
 Acq: 22 Jan 2019 12:48

Tgt Ion:149 Resp: 2420048
 Ion Ratio Lower Upper
 149 100
 150 10.3 8.1 12.1
 104 5.1 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E



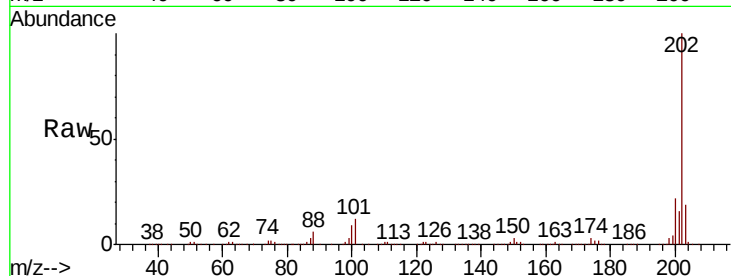


#75
 Fluoranthene
 Concen: 38.940 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BF112188.D
 Acq: 22 Jan 2019 12:48

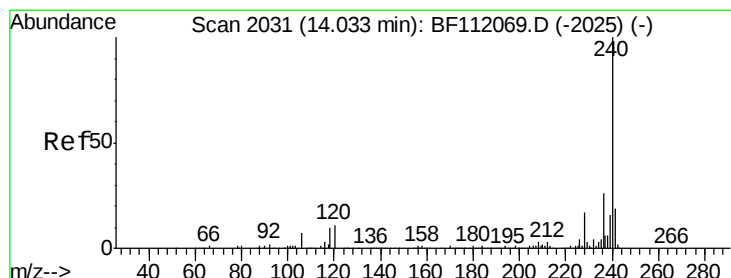
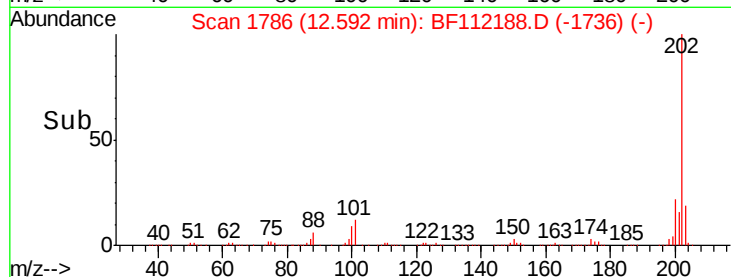
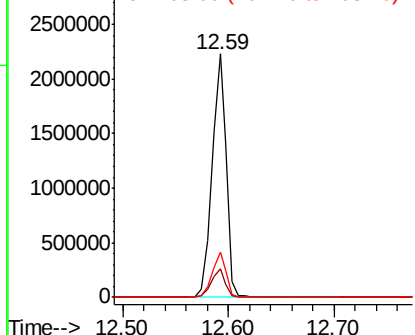
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 2112158

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.8
203	18.6	0.0	38.4



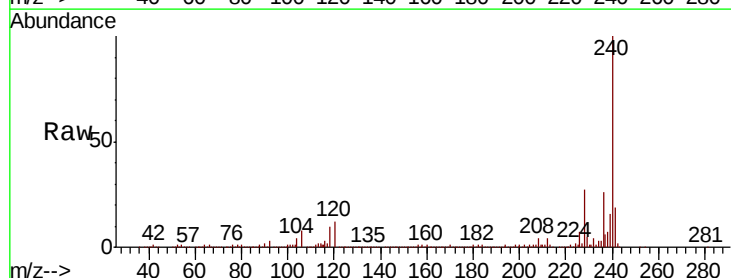
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



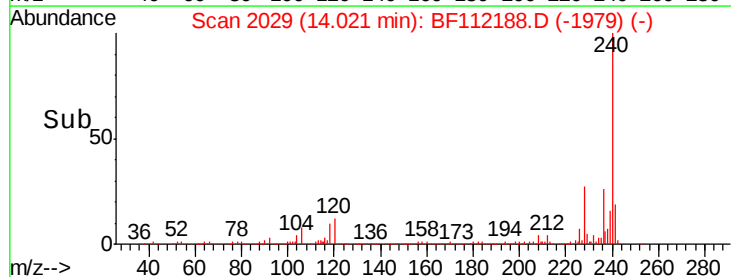
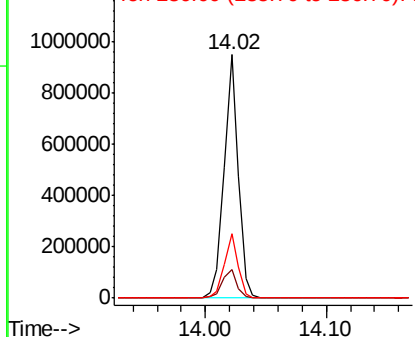
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF112188.D
 Acq: 22 Jan 2019 12:48

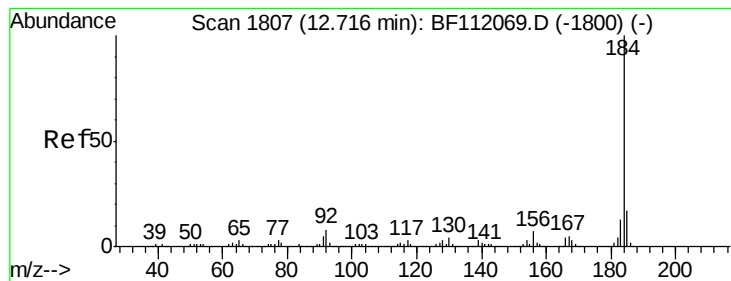
Tgt Ion:240 Resp: 765201

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.0	13.6
236	26.2	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.786 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

Instrument :

BNA_F

ClientSampled :

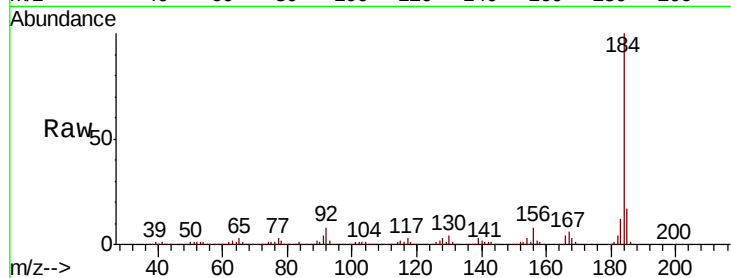
Tot Ion:184 Resp: 785997

Ion Ratio Lower Upper

184 100

185 17.1 13.9 20.9

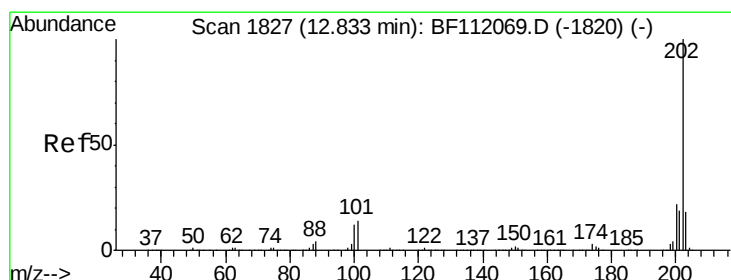
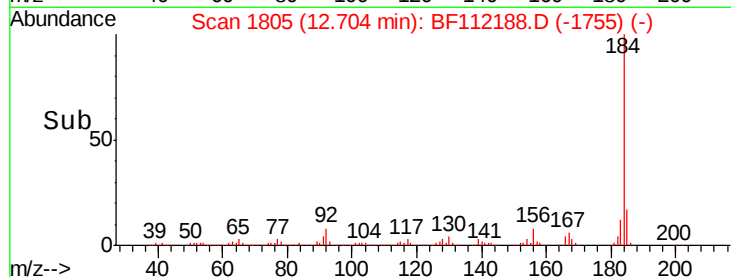
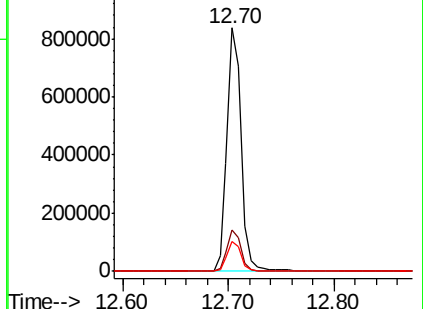
183 12.3 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.352 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

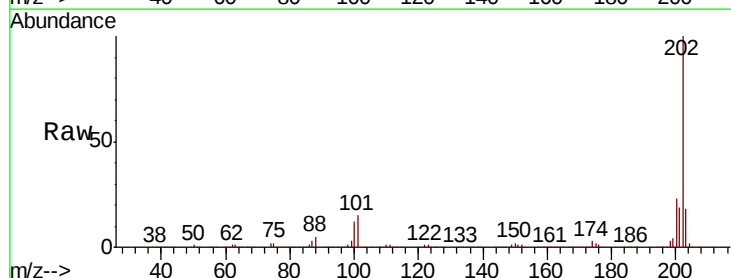
Tgt Ion:202 Resp: 2138160

Ion Ratio Lower Upper

202 100

200 22.7 17.7 26.5

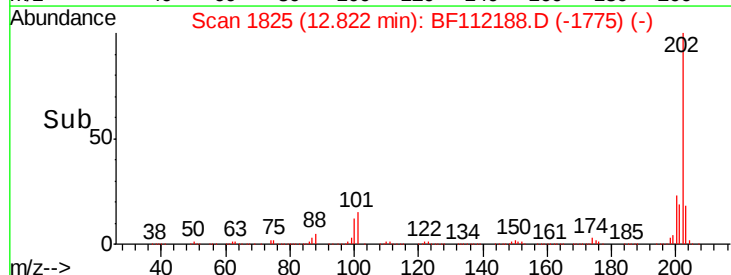
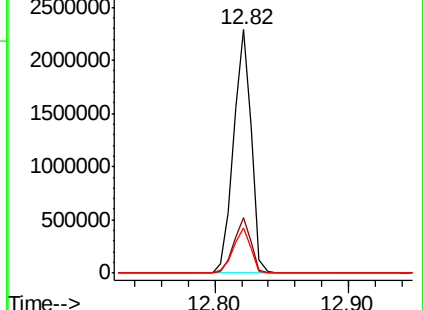
203 18.5 14.6 22.0

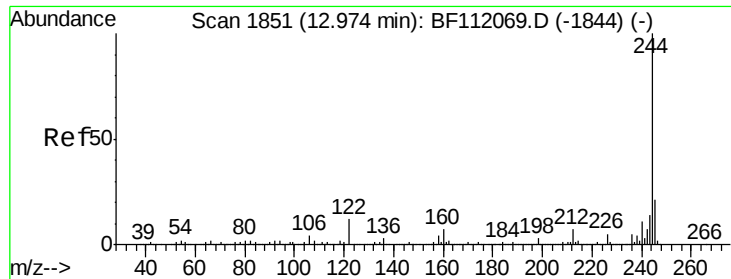


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



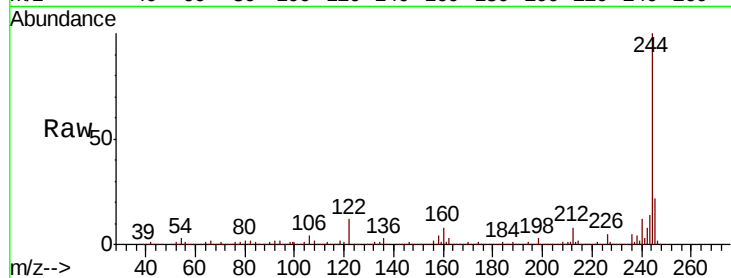


#79
 Terphenyl-d14
 Concen: 85.302 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF112188.D
 Acq: 22 Jan 2019 12:48

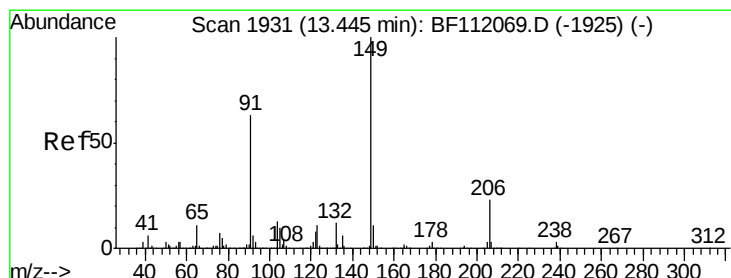
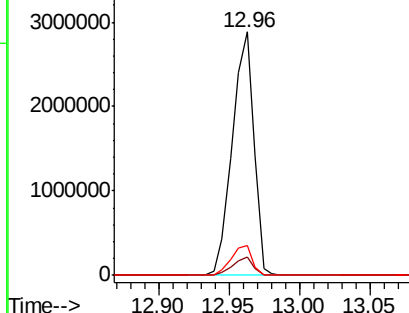
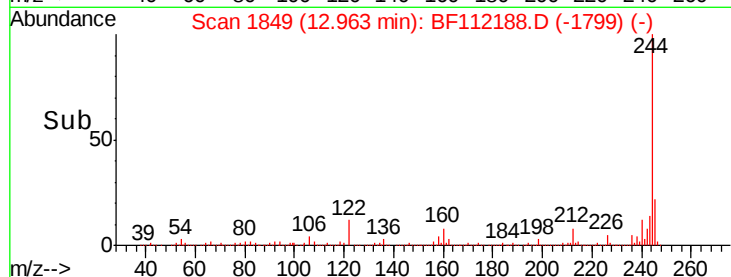
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 3068254

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	12.4	9.8	14.6



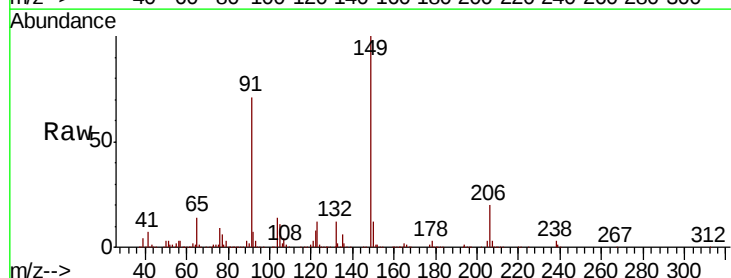
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



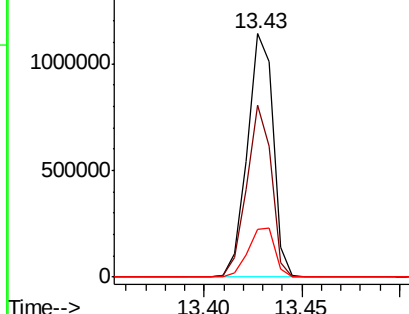
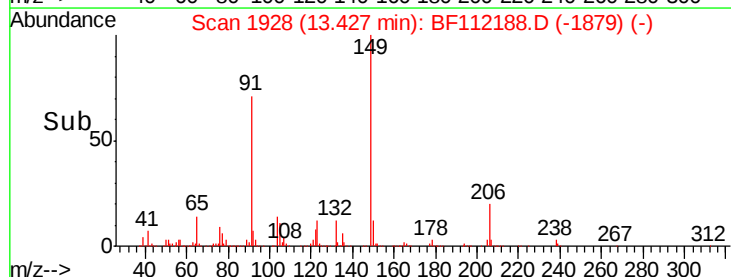
#80
 Butylbenzylphthalate
 Concen: 47.115 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BF112188.D
 Acq: 22 Jan 2019 12:48

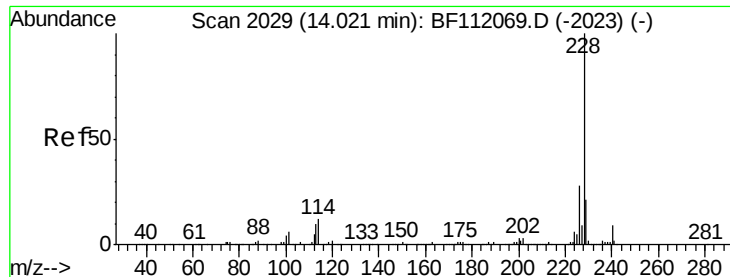
Tgt Ion:149 Resp: 1043490

Ion	Ratio	Lower	Upper
149	100		
91	70.5	50.3	75.5
206	19.9	18.2	27.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E

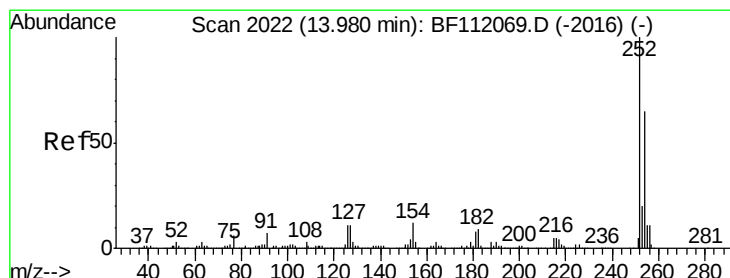
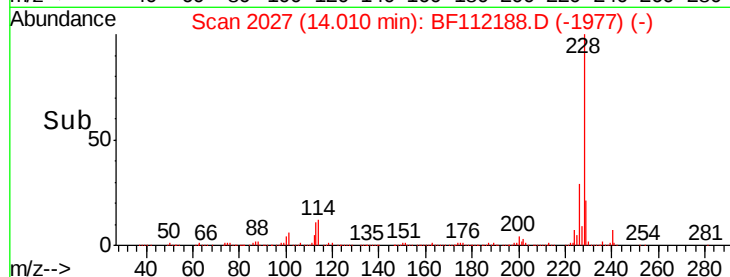
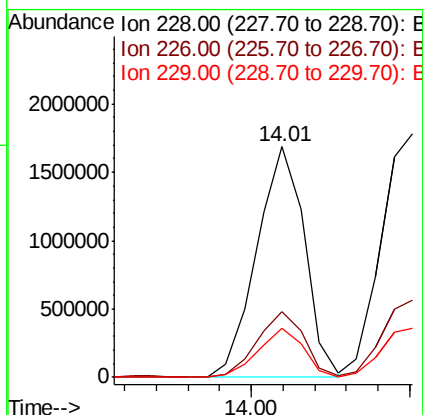
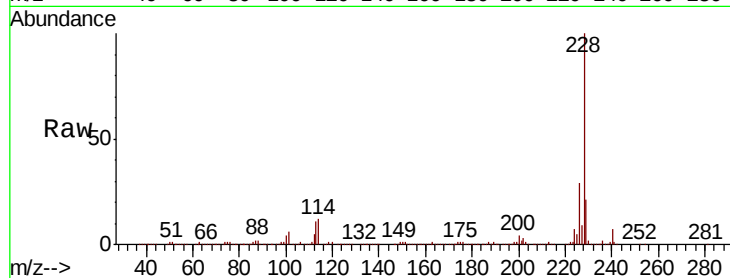




#81
Benzo(a)anthracene
Concen: 40.435 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

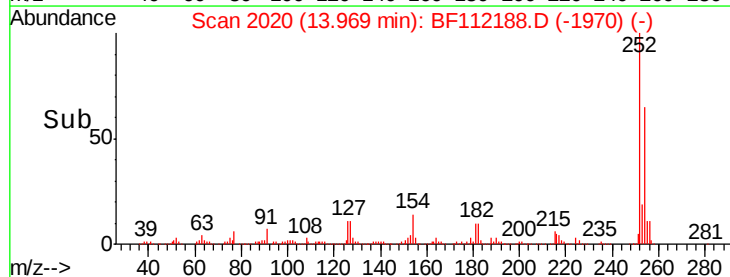
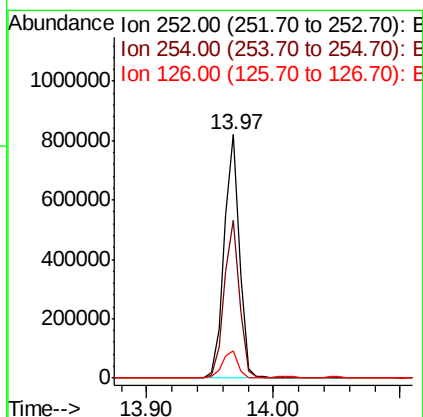
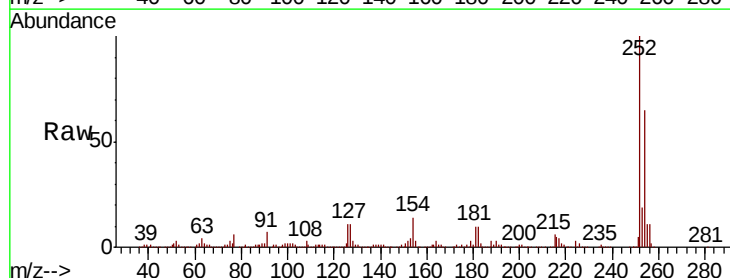
Instrument :
BNA_F
ClientSampled :

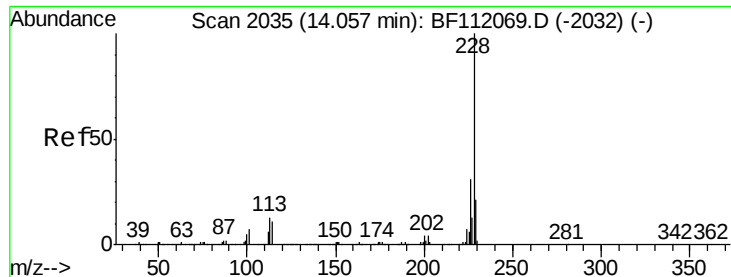
Tot Ion:228 Resp: 1774042
Ion Ratio Lower Upper
228 100
226 28.7 22.6 34.0
229 21.1 16.5 24.7



#82
3,3'-Dichlorobenzidine
Concen: 41.880 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Tgt Ion:252 Resp: 688133
Ion Ratio Lower Upper
252 100
254 64.6 51.6 77.4
126 11.4 8.6 12.8



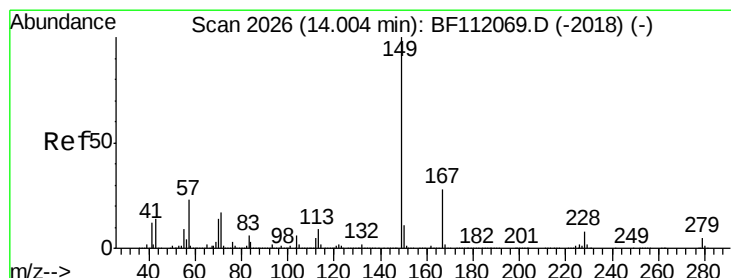
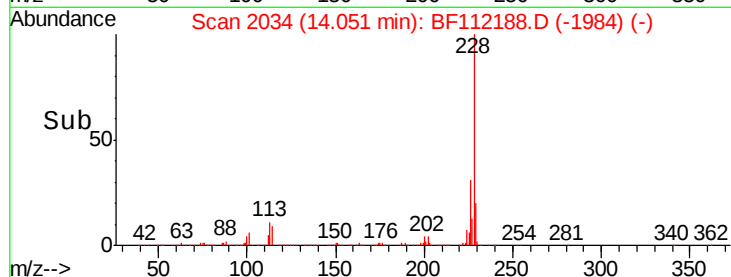
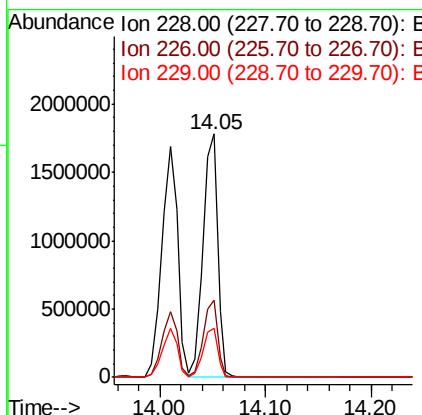
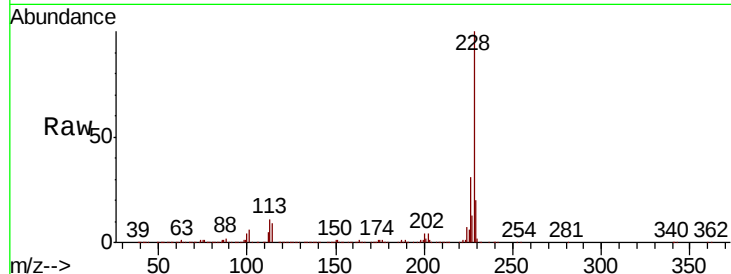


#83
 Chrvsene
 Concen: 40.873 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF112188.D
 Acq: 22 Jan 2019 12:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:228 Resp: 1696836

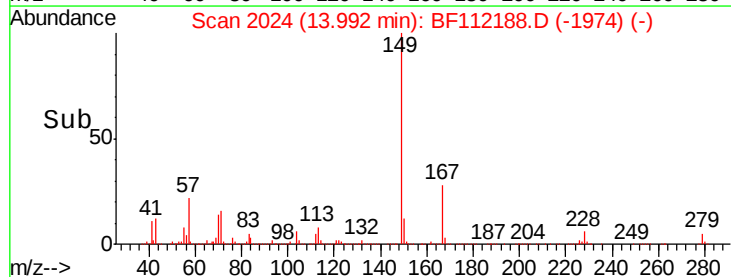
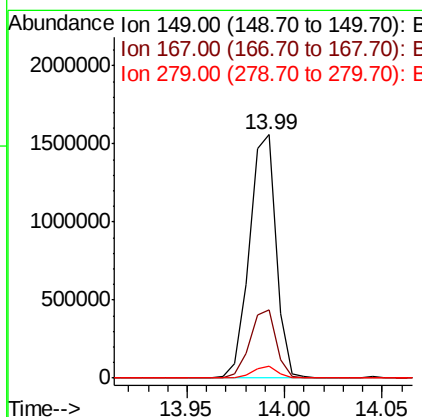
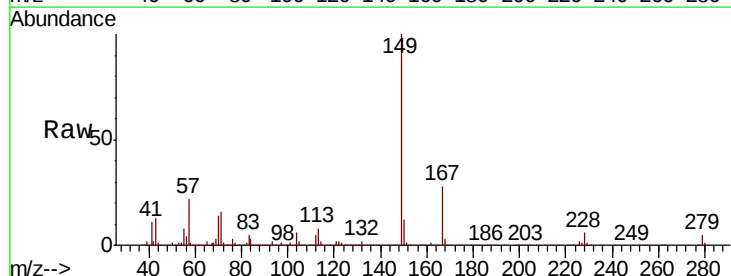
Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	20.4	16.6	24.8

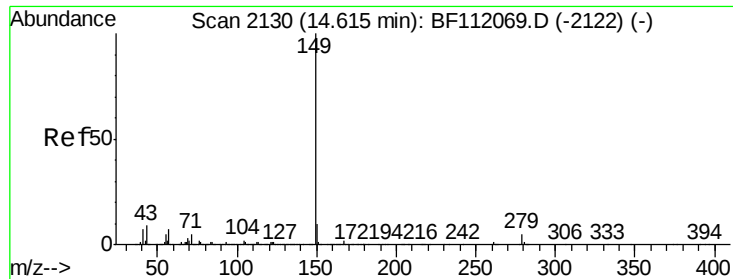


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.592 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF112188.D
 Acq: 22 Jan 2019 12:48

Tgt Ion:149 Resp: 1478904

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.5	33.7
279	5.0	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 44.710 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

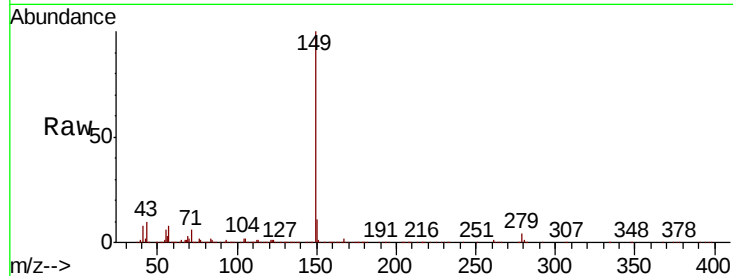
Instrument :

BNA_F

ClientSampled :

Tot Ion:149 Resp: 2186589

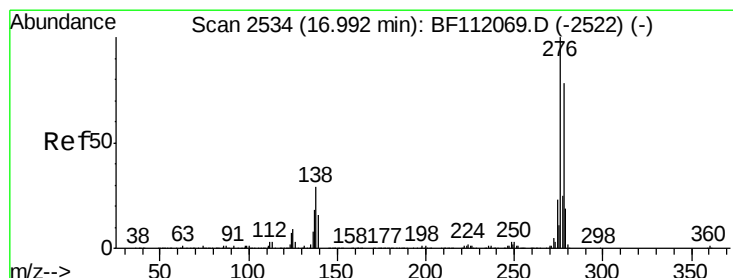
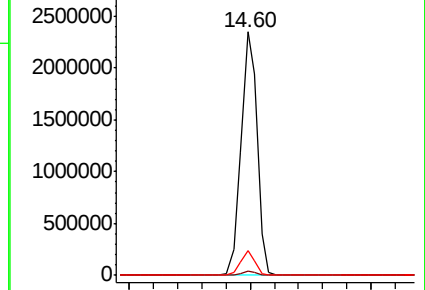
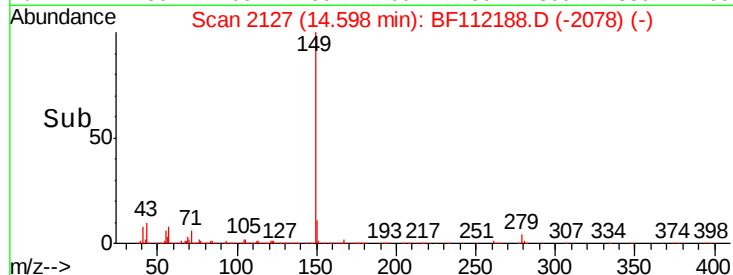
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.0	7.8	11.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.540 ng

RT: 16.98 min Scan# 2532

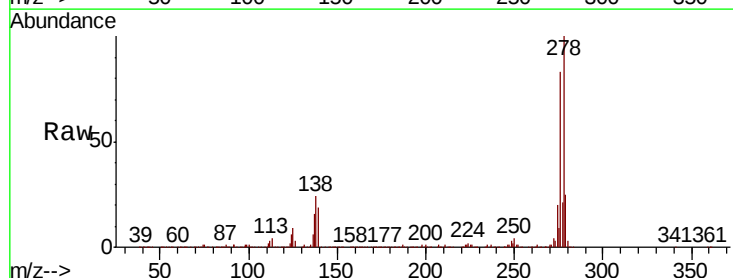
Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

Tgt Ion:276 Resp: 1361230

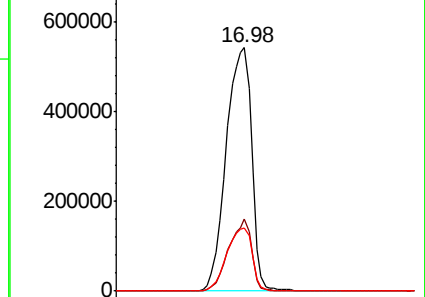
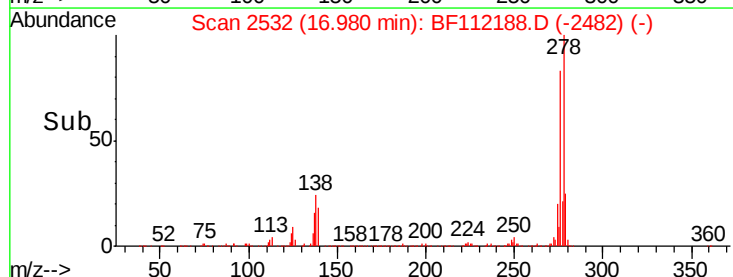
Ion	Ratio	Lower	Upper
276	100		
138	26.5	22.6	34.0
277	25.8	20.3	30.5

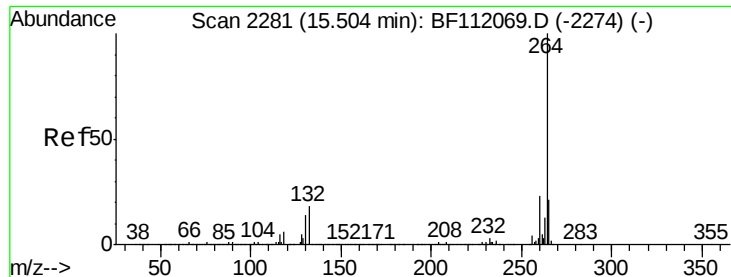


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



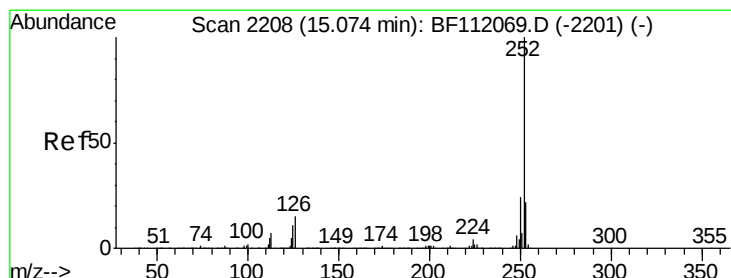
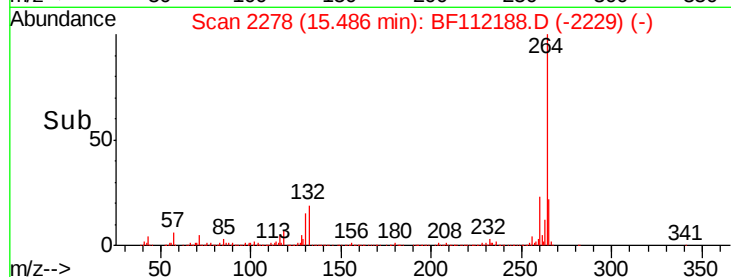
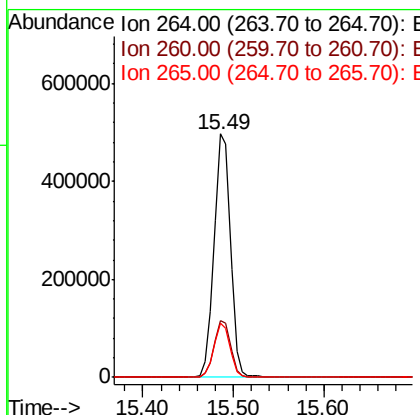
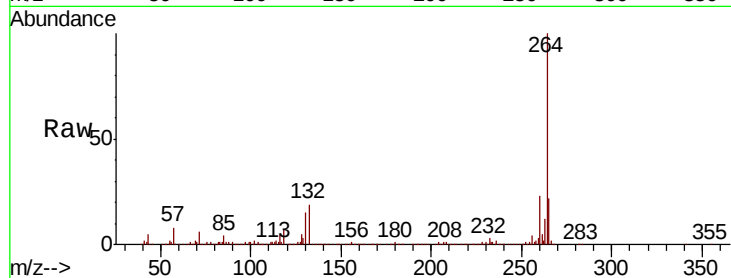


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 623662

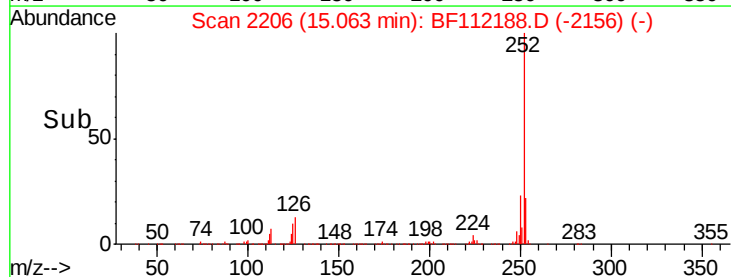
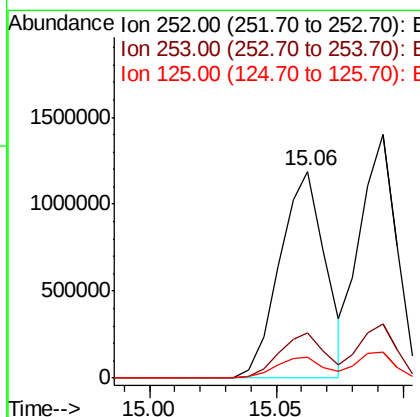
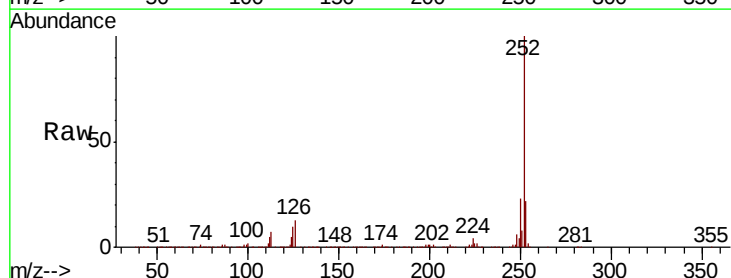
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	22.3	17.0	25.4

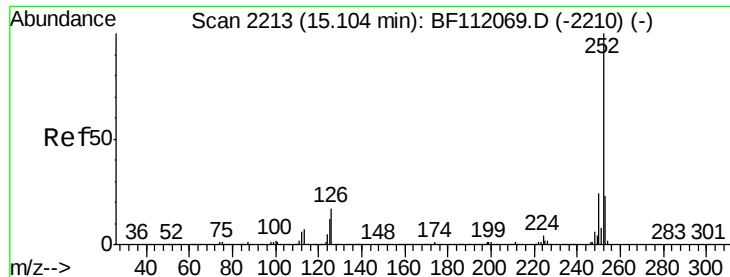


#88
Benzo(b)fluoranthene
Concen: 42.131 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Tgt Ion:252 Resp: 1491505

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	10.0	8.7	13.1





#89

Benzo(k)fluoranthene

Concen: 41.596 ng

RT: 15.09 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

Instrument :

BNA_F

ClientSampleId :

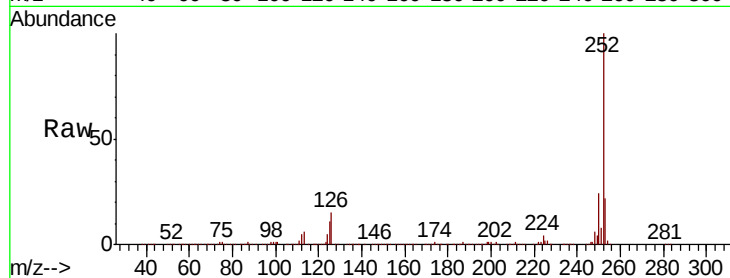
Tot Ion:252 Resp: 1425249

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

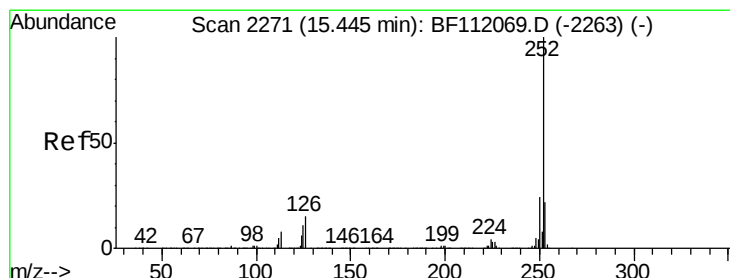
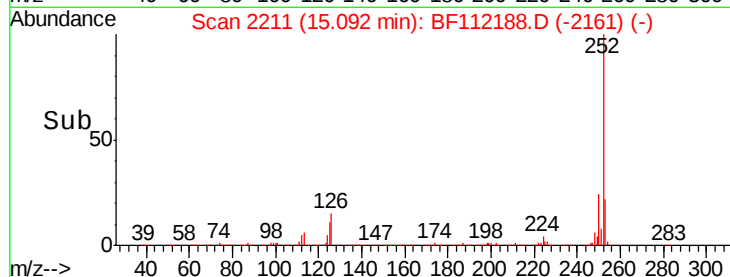
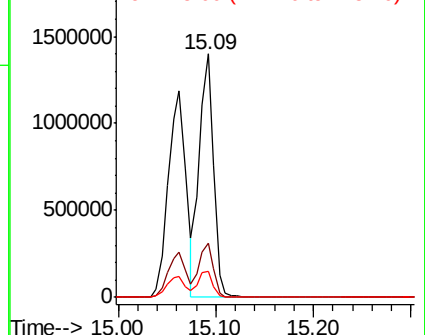
125 10.8 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.067 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF112188.D

Acq: 22 Jan 2019 12:48

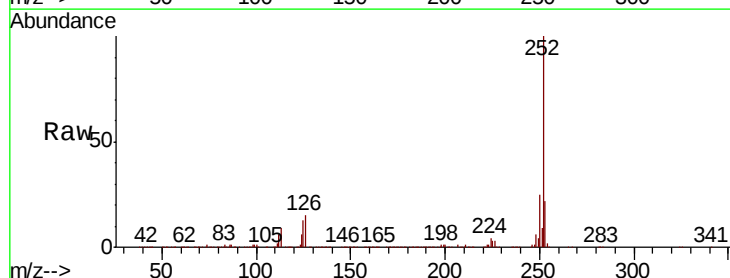
Tgt Ion:252 Resp: 1333263

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

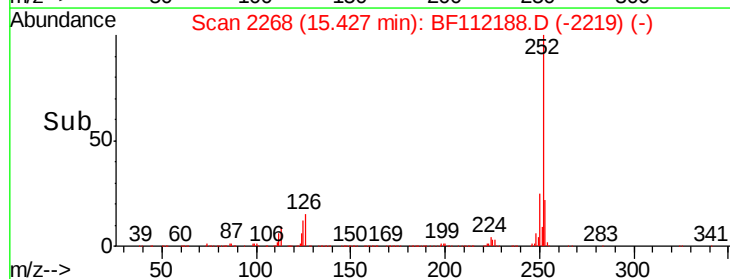
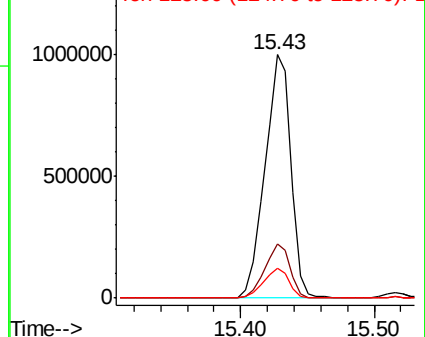
125 12.5 9.0 13.4

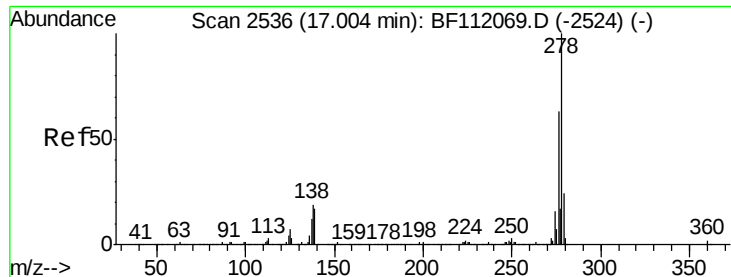


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

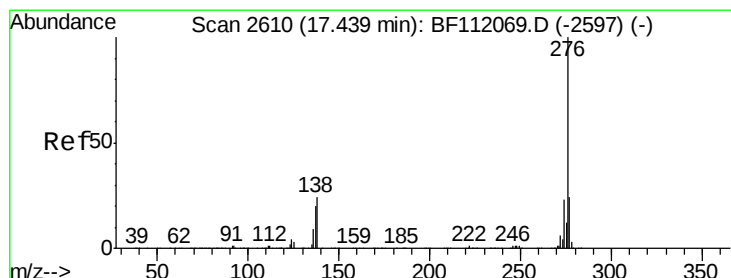
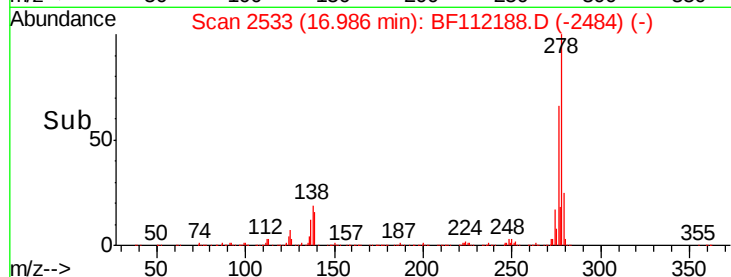
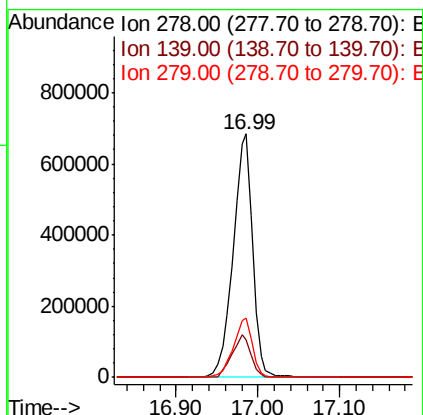
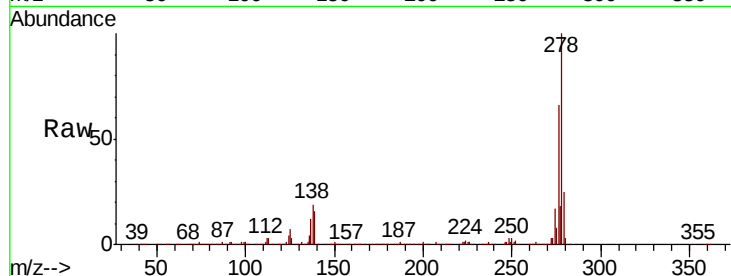




#91
Dibenzo(a,h)anthracene
Concen: 39.481 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1138448
Ion Ratio Lower Upper
278 100
139 15.5 13.7 20.5
279 24.5 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 38.839 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.01 min
Lab File: BF112188.D
Acq: 22 Jan 2019 12:48

Tgt Ion:276 Resp: 1103317
Ion Ratio Lower Upper
276 100
277 22.9 19.4 29.0
138 23.6 19.1 28.7

